

## **Testing Angular Applications Covers Angular 2**

**Summary Angular Development with TypeScript, Second Edition is an intermediate-level tutorial that introduces Angular and TypeScript to developers comfortable with building web applications using other frameworks and tools. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Whether you're building lightweight web clients or full-featured SPAs, Angular is a clear choice. The Angular framework is fast, efficient, and widely adopted. Add the benefits of developing in the statically typed, fully integrated TypeScript language, and you get a programming experience other JavaScript frameworks just can't match. About the Book Angular Development with TypeScript, Second Edition teaches you how to build web applications with Angular and TypeScript. Written in an accessible, lively style, this illuminating guide covers core concerns like state management, data, forms, and server communication as you build a full-featured online auction app. You'll get the skills you need to write type-aware classes, interfaces, and generics with TypeScript, and discover time-saving best practices to use in your own work. What's inside Code samples for Angular 5, 6, and 7 Dependency injection Reactive programming The Angular Forms API About the Reader Written for intermediate web developers familiar with HTML, CSS, and JavaScript. About the Author Yakov Fain and Anton Moiseev are experienced trainers and web application developers. They have coauthored several books on software development. Table of Contents Introducing Angular The main artifacts of an Angular app Router basics Router advanced Dependency injection in Angular Reactive programming in Angular Laying out pages with Flex Layout Implementing component communications Change detection and component lifecycle Introducing the Forms API Validating forms Interacting with servers using HTTP Interacting with servers using the WebSocket protocol Testing Angular applications Maintaining app state with ngrx**

**Angular 2 Cookbook, 2nd Edition Discover over 70 recipes that provide the solutions you need to know to face every challenge in Angular 2 head on Angular 2 introduces an entirely new paradigm of applications. It wholly embraces all the newest concepts that are built into the next generation of browsers, and it cuts away all the fat and bloat from Angular 1. This book plunges directly into the heart of all the most important Angular 2 concepts for you to conquer. Alongside the book's Angular 2 content, it covers the new ES6 syntax, TypeScript conventions, Web Components, and RxJS observables, among many other brand new ideas to add to your toolkit. Make no mistake; Angular 2 is difficult, especially if you're discovering new technologies and standards for the first time. This book covers all the most complicated concepts the framework has, and at the same time introduces the best practices with which to wield these powerful tools. It also covers in detail all the concepts that will get you building applications faster. Oft-neglected topics such as testing and performance are rigorously covered too. This book will guide you so you understand Angular 2 from top to bottom, ready to let you. What you will learn Understand how to best move an Angular 1 application to Angular 2 Build a**

**solid foundational understanding of the core elements of Angular 2 such as components, forms, and services**  
**Gain an ability to wield complex topics such as Observables and Promises**  
**Properly implement applications utilizing advanced topics such as dependency injection**  
**Know how to maximize the performance of Angular 2 applications**  
**Understand the best ways to take an Angular 2 application from TypeScript in a code editor to a fully function application served on your site**  
**Get to know the best practices when organizing and testing a large Angular 2 application**

**If you want to build cross-platform web applications using the robust Angular web framework, this book is for you. Learning Angular will cover the core concepts of frontend web development using easy-to-follow instructions to help you get up and running with Angular web development in no time.**

**Learning a front-end framework is hard. "Getting started" tutorials cover the basics but you leave thinking, "Okay, now how do I build something with this?" The truth is, getting started tutorials aren't all that great for beginners. They're demos to highlight as many features as quickly as possible. They're great for showing off what a framework can do. They aren't so great for teaching you how to build web apps. The end result is a basic application that doesn't mimic what it's like building real applications as a front-end developer. You'll work with a mocked API and database. Application architecture isn't covered. Automated testing is skipped altogether. Trust me, I've been there. But those days are over. With The Angular Tutorial, you'll learn how to build applications using a real API and database. You'll leverage 3rd party APIs like Zomato, Google Places, and open-source libraries just as you would in a real job. The Angular Tutorial assumes you have no previous knowledge of the Angular framework. It starts at the very beginning. Every piece of code is explained and tested to make you interview ready. You'll begin with an introduction to how web applications work followed by an introduction to Angular to give you a good grasp on the basics. Then you'll learn how to setup a real database and API just as I've done at numerous companies ranging from venture capital, startups, Fortune 500 companies, and digital agencies working with companies like CNN, Turner Broadcasting System, NBC, Mazda, AutoTrader and The Home Depot. After that is a deeper dive into Angular where you'll build a real application with features like a signup page, a login page, a dashboard for authenticated users, and a calendar displaying lunch dates which you can show off on your resume or to your friends. You'll deploy this application to the web using Heroku so the proof of your work will be accessible to anyone.**

- Forms - Template-driven forms or reactive forms? Don't worry, both are covered.**
- E2E Testing - Fast and easy end-to-end testing of your application with Cypress.**
- Unit Testing - Unit test your code with Karma and Jasmine.**
- Services - Communicate with a backend using Angular's HttpClient and write your own interceptors.**
- Authentication - Secure your application with JSON Web Tokens (JWT).**
- Authorization - Learn to restrict sections of your application to authorized users.**
- Module Architecture - Create dumb components, feature modules, and learn to break down an application into smaller parts.**
- OSS Integration - Why re-invent the wheel? Learn to use open-source libraries to your advantage just as you would on the job.**
- API Documentation - Learn how to read**

**API documentation so you have the confidence going forward to work with any API. [?] Deployment - Get your application onto the web. Learn how to build and deploy your Angular application to Heroku.**

**Getting MEAN with Mongo, Express, Angular, and Node**

**EssentialsAngular**

**Web Application Development with MEAN**

**Angular Development with Typescript**

**Accelerating Angular Development with Ivy**

**Expert Angular**

Building confidence to develop any complex forms using Angular. KEY FEATURES ● Includes best practices from Angular Community along with Angular 12 Standards. ● Exciting examples and in-depth practical demonstration of Angular Reactive Forms. ● Equipped with graphical illustrations and visual explanations on working of Angular Reactive Forms. DESCRIPTION Mastering Angular Reactive Forms provides all the needed tools to develop an Angular application using Reactive Forms. You will gain knowledge that will help you develop any form, regardless of its size and complexity. You will learn about the basic building blocks of Angular Reactive Forms, apply a binding in all HTML form elements using Form Control, Form Group, or Form Array, and apply simple or complex validators. Furthermore, you will learn how to interact with end user's form value changes, how to Unit Test, and how to expand your form by building re-usable form parts beyond basics. The book is based on patterns that are widely used by the community and many enterprise companies. After reading this book, you will not just upgrade your knowledge, but you will be a strong Angular developer helping enterprises with solutions in using Angular Reactive Forms. WHAT YOU WILL LEARN ● Test some examples on how to bind with all the HTML elements. ● Build strong proficiency in how to write and use rich Angular custom and async validators. ● Create dynamic validators by observing the values of your Form. ● Maintain high-quality code by writing unit tests. WHO THIS BOOK IS FOR This book is for Angular web developers who want to build a strong knowledge of Reactive Forms and boost their productivity. A basic understanding of Angular would be beneficial to speed up the learnings from this book. TABLE OF CONTENTS 1. Getting started with Reactive Forms 2. HTML Form Binding 3. Built-in Validators 4. Custom Validators 5. Interact with Control's Value and Status 6. Unit testing 7. Split and Reuse a Form Best-selling author Adam Freeman shows you how to use Angular in your projects, starting from the nuts and bolts and building up to the most advanced and sophisticated features, going in-

depth to give you the knowledge you need. Chapters include common problems and how to avoid them. Additionally, this book now has accompanying online files for Angular 7; all examples in the book work without changes in Angular 7. Get the most from Angular, the leading framework for building dynamic JavaScript applications. Understand the MVC pattern and the benefits it can offer. What You'll Learn Gain a solid architectural understanding of the MVC Pattern Create rich and dynamic web app clients using Angular Use the ng tools to create and build an Angular project Extend and customize Angular Test your Angular projects What's New in This Edition Revised for the features and changes in Angular 6 and 7 Covers @angular/cli, ng command line tools, and WebPack Includes HttpClient for simplified asynchronous HTTP requests Presents updates to pipes and localized text display Who This Book Is For Web developers with a foundation knowledge of HTML and JavaScript who want to create rich client-side applications A definitive guide on frontend development with Angular from design to deployment Key Features Develop web applications from scratch using Angular and TypeScript Explore reactive programming principles and RxJS to develop and test apps easily Study continuous integration and deployment on the AWS cloud Book Description If you have been burnt by unreliable JavaScript frameworks before, you will be amazed by the maturity of the Angular platform. Angular enables you to build fast, efficient, and real-world web apps. In this Learning Path, you'll learn Angular and to deliver high-quality and production-grade Angular apps from design to deployment. You will begin by creating a simple fitness app, using the building blocks of Angular, and make your final app, Personal Trainer, by morphing the workout app into a full-fledged personal workout builder and runner with an advanced directive building - the most fundamental and powerful feature of Angular. You will learn the different ways of architecting Angular applications using RxJS, and some of the patterns that are involved in it. Later you'll be introduced to the router-first architecture, a seven-step approach to designing and developing mid-to-large line-of-business apps, along with popular recipes. By the end of this book, you will be familiar with the scope of web development using Angular, Swagger, and Docker, learning patterns and practices to be successful as an individual developer on the web or as a team in the Enterprise. This Learning Path includes content from the following Packt products: Angular 6 by Example by Chandermani Arora, Kevin Hennessy Architecting Angular Applications with Redux, RxJS, and NgRx by Christoffer Noring Angular 6 for Enterprise-Ready Web Applications by Doguhan Uluca What you will learn Develop web applications from scratch using Angular and TypeScript Explore reactive

programming principles, RxJS to develop and test apps efficiently Study continuous integration and deployment your Angular app on the AWS cloud Who this book is for If you're a JavaScript or frontend developer looking to gain comprehensive experience of using Angular for end-to-end enterprise-ready applications, this Learning Path is for you.

Build efficient web apps and deliver great results by integrating Angular and the .NET framework About This Book Become a more productive developer and learn to use frameworks that implement good development practices Achieve advanced autocompletion, navigation, and refactoring in Angular using Typescript Follow a gradual introduction to the concepts with a lot of examples and explore the evolution of a production-ready application Who This Book Is For If you are a .NET developer who now wants to efficiently build single-page applications using the new features that Angular 4 has to offer, then this book is for you. Familiarity of HTML, CSS, and JavaScript is assumed to get the most from this book. What You Will Learn Create a standalone Angular application to prototype user interfaces Validate complex forms with Angular version 4 and use Bootstrap to style them Build RESTful web services that work well with single-page applications Use Gulp and Bower in Visual Studio to run tasks and manage JavaScript packages Implement automatic validation for web service requests to reduce your boilerplate code Use web services with Angular version 4 to offload and secure your application logic Test your Angular version 4 and web service code to improve the quality of your software deliverables In Detail Are you are looking for a better, more efficient, and more powerful way of building front-end web applications? Well, look no further, you have come to the right place! This book comprehensively integrates Angular version 4 into your tool belt, then runs you through all the new options you now have on hand for your web apps without bogging you down. The frameworks, tools, and libraries mentioned here will make your work productive and minimize the friction usually associated with building server-side web applications. Starting off with building blocks of Angular version 4, we gradually move into integrating TypeScript and ES6. You will get confident in building single page applications and using Angular for prototyping components. You will then move on to building web services and full-stack web application using ASP.NET WebAPI. Finally, you will learn the development process focused on rapid delivery and testability for all application layers. Style and approach This book covers everything there is to know about getting well-acquainted with Angular 4 and .NET without bogging you down. Everything is neatly laid out under clear headings for quick consultation, offering you the information required to

## Acces PDF Testing Angular Applications Covers Angular 2

understand a concept immediately, with short, relevant examples of each feature.

Covers Angular 2

Learn Front-End Development and Automated Testing with Angular

Your one-stop guide to building scalable and production-grade Angular web apps

Build and deliver production-grade and cloud-scale evergreen web apps with Angular 9 and beyond, 2nd Edition

Testing JavaScript Applications

Angular 2 Cookbook, 2nd Edition

Essential Angular is a concise, complete overview of the key aspects of Angular, written by two Angular core contributors. The book covers the framework's mental model, its API, and the design principles behind it. It is fully up to date with the latest release of Angular. About This Book Written by two Angular core contributors A complete overview of the key aspects of Angular Up to date with the latest Angular release Who This Book Is For To get the most from this book, you should already have a good understanding of Angular and general web development. The book dives quickly into the core Angular systems without stepping through the basics. What You Will Learn Understand why and how to use JIT and AOT compilation in Angular Bootstrap and inject NgModules Learn about the component lifecycle Understand the two phases of Change Detection Visualize and parse the Injector tree Understand advanced Lazy Loading Integrate and run different testing strategies on your code In Detail Essential Angular is a concise, complete overview of the key aspects of Angular, written by two Angular core contributors. The book covers the framework's mental model, its API, and the design principles behind it. This book is fully up to date with the latest release of Angular. Essential Angular gives you a strong foundation in the core Angular technology. It will help you put all the concepts into the right places so you will have a good understanding of why the framework is the way it is. Read this book after you have toyed around with the framework, but before you embark on writing your first serious Angular application. This book covers concepts such as the differences between Just-In-Time (JIT) and Ahead-Of-Time (AOT) compilation in Angular, alongside NgModules, components and directives. It also goes into detail on Dependency Injection and Change Detection: essential skills for Angular developers to master. The book finishes with a look at testing, and how to integrate different testing methodologies in your Angular code. Style and approach Essential Angular is a complete overview of the key aspects of the latest release of Angular, written by two core Angular contributors. It goes far beyond a how-to-get-started guide and dives into the most important topics in modern Angular development at depth.

Summary AngularJS in Action covers everything you need to know to get started with the AngularJS framework. As you

read, you'll explore all the individual components of the framework and learn how to customize and extend them. You'll discover the emerging patterns for web application architecture and tackle required tasks like communicating with a web server back-end. Along the way, you'll see AngularJS in action by building real world applications with thoroughly commented code. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology AngularJS is a JavaScript-based framework that extends HTML, so you can create dynamic, interactive web applications in the same way you create standard static pages. Out of the box, Angular provides most of the functionality you'll need for basic apps, but you won't want to stop there. Intuitive, easy to customize, and test-friendly, Angular practically begs you to build more interesting apps. About the Book AngularJS in Action teaches you everything you need to get started with AngularJS. As you read, you'll learn to build interactive single-page web interfaces, apply emerging patterns like MVVM, and tackle key tasks like communicating with back-end servers. All examples are supported by clear explanations and illustrations along with fully annotated code listings. This book assumes you know at least some JavaScript. No prior exposure to AngularJS is required. What's Inside Get started with AngularJS Write your own components Best practices for application architecture Progressively build a full-featured application Covers Angular JS 1.3 Sample application updated to the latest version of Angular About the Author Lukas Ruebbelke is a full-time web developer and an active contributor to the AngularJS community. Table of Contents PART 1 GET ACQUAINTED WITH ANGULARJS Hello AngularJS Structuring your AngularJS applicationPART 2 MAKE SOMETHING WITH ANGULARJS Views and controllers Models and services Directives Animations Structuring your site with routes Forms and validations APPENDIXES Setting up Karma Setting up a Node.js server Setting up a Firebase server Running the app

A comprehensive guide to AngularJS, Google's open-source client-side framework for app development. Most of the existing guides to AngularJS struggle to provide simple and understandable explanations for more advanced concepts. As a result, some developers who understand all the basic concepts of AngularJS struggle when it comes to building more complex real-world applications. Professional AngularJS provides a thorough understanding of AngularJS, covering everything from basic concepts, such as directives and data binding, to more advanced concepts like transclusion, build systems, and automated integration testing. In addition to explaining the features of AngularJS, this book distills real-world experience on how these features fit together to enable teams to work together more effectively in building extraordinary apps. Offers a more thorough and comprehensive approach to AngularJS Includes pointers to other advanced topics Lets you build a simple application from scratch, explaining basic building blocks along the way for quick hands-on learning Debunk the myth that JavaScript is not easily testable. Whether you use Node.js, Express, MongoDB, jQuery, AngularJS,

or directly manipulate the DOM, you can test-drive JavaScript. Learn the craft of writing meaningful, deterministic automated tests with Karma, Mocha, and Chai. Test asynchronous JavaScript, decouple and properly mock out dependencies, measure code coverage, and create lightweight modular designs of both server-side and client-side code. Your investment in writing tests will pay high dividends as you create code that's predictable and cost-effective to change. Design and code JavaScript applications with automated tests. Writing meaningful tests is a skill that takes learning, some unlearning, and a lot of practice, and with this book, you'll hone that skill. Fire up the editor and get hands-on through practical exercises for effective automated testing and designing maintainable, modular code. Start by learning when and why to do manual testing vs. automated verification. Focus tests on the important things, like the pre-conditions, the invariants, complex logic, and gnarly edge cases. Then begin to design asynchronous functions using automated tests. Carefully decouple and mock out intricate dependencies such as the DOM, geolocation API, file and database access, and Ajax calls to remote servers. Step by step, test code that uses Node.js, Express, MongoDB, jQuery, and AngularJS. Know when and how to use tools such as Chai, Istanbul, Karma, Mocha, Protractor, and Sinon. Create tests with minimum effort and run them fast without having to spin up web servers or manually edit HTML pages to run in browsers. Then explore end-to-end testing to ensure all parts are wired and working well together. Don't just imagine creating testable code, write it. What You Need: A computer with a text editor and your favorite browser. The book provides instructions to install the necessary automated testing-related tools.

Angular for Enterprise-Ready Web Applications

Learning the Angular CLI.

Architecting Angular Applications with Redux, RxJS, and NgRx

Angular 6 for Enterprise-Ready Web Applications

Rapid, Confident, Maintainable Code

A practical guide to building faster and more testable Angular apps with the new Ivy engine

Unlock the power of the MEAN stack by creating attractive and real-world projects About This Book Learn about the different components that comprise a MEAN application to construct a fully functional MEAN application using the best third-party modules

A step-by-step guide to developing the MEAN stack components from scratch to achieve maximum flexibility when building an e-commerce application Build optimum end-to-end web applications using the MEAN stack Who This Book Is For This learning path is for web developers who are experienced in developing applications using JavaScript. This course is for developers who are

interested in learning how to build modern and multiple web applications using MongoDB, Express, AngularJS, and Node.js. What You Will Learn Build modern, end-to-end web applications by employing the full-stack web development solution of MEAN Connect

your Express application to MongoDB and use a Mongoose model and build a complex application from start to finish in MongoDB Employ AngularJS to build responsive UI components Implement multiple authentication strategies such as OAuth, JsonWebToken, and Sessions Enhance your website's usability with social logins such as Facebook, Twitter, and Google Secure your app by creating SSL certificates and run payment platforms in a live environment Implement a chat application from scratch using Socket.IO Create distributed applications and use the power of server-side rendering in your applications Extend a project with a real-time bidding system using WebSockets In Detail The MEAN stack is a collection of the most popular modern tools for web development. This course will help you to build a custom e-commerce app along with several other applications. You will progress to creating several applications with MEAN. The first module in this course will provide you with the skills you need to successfully create, maintain, and test a MEAN application. Starting with MEAN core frameworks, this course will explain each framework key concepts of MongoDB, Express, AngularJS, and Node.js. We will walk through the different tools and frameworks that will help expedite your daily development cycles. After this, the next module will show you how to create your own e-commerce application using the MEAN stack. It takes you step by step through the parallel process of learning and building to develop a production-ready, high-quality e-commerce site from scratch. It also shows you how to manage user authentication and authorization, check multiple payment platforms, add a product search and navigation feature, deploy a production-ready e-commerce site, and finally add your own high-quality feature to the site. The final step in this course will enable you to build a better foundation for your AngularJS apps. You'll learn how to build complex real-life applications with the MEAN stack and a few more advanced projects. You will become familiar with WebSockets, build real-time web applications, create auto-destructing entities, and see how to work with monetary data in Mongo. You will also find out how to a build real-time e-commerce application. This learning path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: MEAN Web Development by Amos Haviv Building an E-Commerce Application with MEAN by Adrian Mejia MEAN Blueprints by Robert Onodi Style and approach This course will begin with the introduction to MEAN, gradually progressing with building applications in each framework. Each transition is well explained, and each chapter begins with the required background knowledge. Learn everything you need to build highly scalable, robust web applications using Angular release 4 About This Book Apply best practices and design patterns to achieve higher scalability in your Angular applications Understand the latest features of Angular and create your own components Get acquainted with powerful, advanced techniques in Angular to build professional web applications Who This Book Is For This book is for JavaScript developers with some prior exposure to Angular, at least through basic examples. We assume that you've got working knowledge of HTML, CSS, and JavaScript. What You Will Learn Implement asynchronous programming using Angular Beautify your application with the UI components built to the material design specification Secure your web application from unauthorized users Create complex forms, taking full advantage of 2-way data binding Test your Angular

applications using the Jasmine and Protractor frameworks for better efficiency Learn how to integrate Angular with Bootstrap to create compelling web applications Use Angular built-in classes to apply animation in your app In Detail Got some experience of Angular under your belt? Want to learn everything about using advanced features for developing websites? This book is everything you need for the deep understanding of Angular that will set you apart from the developer crowd. Angular has introduced a new way to build applications. Creating complex and rich web applications, with a lighter resource footprint, has never been easier or faster. Angular is now at release 4, with significant changes through previous versions. This book has been written and tested for Angular release 4. Angular is a mature technology, and you'll likely have applications built with earlier versions. This book starts by showing you best practices and approaches to migrating your existing Angular applications so that you can be immediately up-to-date. You will take an in-depth look at components and see how to control the user journey in your applications by implementing routing and navigation. You will learn how to work with asynchronous programming by using Observables. To easily build applications that look great, you will learn all about template syntax and how to beautify applications with Material Design. Mastering forms and data binding will further speed up your application development time. Learning about managing services and animations will help you to progressively enhance your applications. Next you'll use native directives to integrate Bootstrap with Angular. You will see the best ways to test your application with the leading options such as Jasmine and Protractor. At the end of the book, you'll learn how to apply design patterns in Angular, and see the benefits they will bring to your development. Style and approach This book provides comprehensive coverage of all aspects of development with Angular. You will learn about all the most powerful Angular concepts, with examples and best practices. This book is everything you need for the deep understanding of Angular that will set you apart from the developer crowd.

Welcome to this one-stop-shop for learning Angular 9. Pro Angular 9 is the most concise and comprehensive guide available, giving you the knowledge you need to take full advantage of this popular framework for building your own dynamic JavaScript applications. The fourth edition of this popular guide explains how to get the most from Angular 9, starting with an in-depth overview of the MVC pattern and presenting the range of benefits it can offer. From there, you will begin learning how to use Angular in your projects, starting with the nuts-and-bolts concepts, and progressing on to more advanced and sophisticated features. Each topic in this full-color book provides you with precisely enough learning and detail to be effective. In true Adam Freeman style, the most important features are given full court press treatment, while also addressing common problems and how to avoid them. What You Will Learn: Gain a solid architectural understanding of the MVC Pattern Create rich and dynamic web app clients using Angular 9 Use the ng tools to create and build an Angular project Extend and customize Angular Acquire skills to unit test your Angular projects Who This Book Is For: This book is for web developers who want to create rich client-side applications. Foundational knowledge of HTML and JavaScript is recommended. "Adam's books provide a finely tuned blend of architectural overview, technical depth, and experience-

born wisdom. His clear, concise writing style, coupled with project driven real world examples, make me comfortable recommending his books to a broad audience, ranging from developers working with a technology for the first time to seasoned professionals who need to learn a new skill quickly." Keith Dublin, Solution Principal, Slalom Consulting " Adam ' s books are the print version of a chat bot. His investment in learning how developers learn pays off in dividends, making this one of the most comprehensive resources available. Novices and experienced professionals alike will gain knowledge from the accessible and insightful material. " Mark Donile, Software Engineer, MS CS

Revised and updated second edition of the bestselling hands-on guide to building enterprise-ready web apps using an evergreen Angular platform Key Features Updated examples, projects, and a new overview of tools – including NgRX and Ivy, automated testing, and Firebase authentication New chapter summarizing history of web frameworks and Angular version updates All-new RESTful API implementation leveraging the MEAN stack with MongoDB, Express.js, Angular and Node.js Book Description This second edition of Angular for Enterprise-Ready Web Applications is updated with in-depth coverage of the evergreen Angular platform. You ' ll start by mastering Angular programming fundamentals. Using the Kanban method and GitHub tools, you ' ll build great-looking apps with Angular Material and also leverage reactive programming patterns with RxJS, discover the flux pattern with NgRx, become familiar with automated testing, utilize continuous integration using CircleCI, and deploy your app to the cloud using Vercel Now and GCloud. You will then learn how to design and develop line-of-business apps using router-first architecture with observable data anchors, demonstrated through oft-used recipes like master / detail views, and data tables with pagination and forms. Next, you ' ll discover robust authentication and authorization design demonstrated via integration with Firebase, API documentation using Swagger, and API implementation using the MEAN stack. Finally, you will learn about DevOps using Docker, build a highly available cloud infrastructure on AWS, capture user behavior with Google Analytics, and perform load testing. By the end of the book, you ' ll be familiar with the entire gamut of modern web development and full-stack architecture, learning patterns and practices to be successful as an individual developer on the web or as a team in the enterprise. What you will learn Adopt a minimalist, value-first approach to delivering web apps Master Angular development fundamentals, RxJS, CLI tools, GitHub, and Docker Discover the flux pattern and NgRx Implement a RESTful APIs using Node.js, Express.js, and MongoDB Create secure and efficient web apps for any cloud provider or your own servers Deploy your app on highly available cloud infrastructure using DevOps, CircleCI, and AWS Who this book is for This book is for developers who want to confidently deliver high-quality and production-grade Angular apps from design to deployment. Developers that have prior experience in writing a RESTful APIs will also benefit, as well as developers who will gain greater awareness of how they fit into the larger picture of delivering a web application. Prior experience with RESTful APIs is desired.

Build Solid Expertise in Reactive Forms using Form Control, Form Group, Form Array, Validators, Testing and more with Angular

12 Through Real-World Use Cases (English Edition)

NativeScript for Angular Mobile Development

Learn to build Redux style high-performing applications with Angular 6

Building Web Apps with Spring 5 and Angular

Angular Development with TypeScript

Pro Angular 6

This book will demystify Angular as a framework, as well as provide clear instructions and examples on how to get started writing scalable Angular applications. Angular: Up & Running covers most of the major pieces of Angular, but in a structured manner that is generally used in hands-on training. Each chapter takes one concept, and use examples to cover how to solve Problems to work on (with solutions) at the end of each chapter reinforce the learnings of each chapter and allow you to get hands-on with Angular.

Summary Testing Angular Applications is an example-rich, hands-on guide that gives you the real-world techniques you need to thoroughly test all parts of your Angular applications. By the end of this book, you'll be able to confidently write unit tests for Angular applications in TypeScript. Foreword by Brad Green, Google. Purchase of the print book includes a PDF, Kindle, and ePub formats from Manning Publications. About the Technology Don't leave the success of your mission-critical Angular apps to chance. Proper testing improves code quality, reduces maintenance costs, and rewards you with happy customers. The tools and best practices can streamline and automate all aspects of testing web apps, both in development and in production. This book gets you started. About the Book Testing Angular Applications teaches you how to make testing an essential part of your development and production processes. You'll start by setting up a simple unit testing system as you learn the fundamentals. Then, you'll fine-tune it as you discover the best tests for Angular components, directives, pipes, services, and routing. You'll explore end-to-end testing, mastering the Protractor framework, and inserting Angular apps into your continuous integration pipeline. What's inside Getting to know TypeScript Writing and debugging unit tests Writing and debugging end-to-end tests Protractor Building continuous integration for your entire test suite About the Reader This book is for readers with intermediate JavaScript skills. About the Author Jesse Palmer is a senior engineering manager at Handshake. Corinna Cohn is a senior application specialist. Mike Giambalvo and Craig Nishina are engineers at Google. Table of Contents Introduction to testing Angular applications PART 1 - Unit testing Creating your first tests Testing components Testing directives Testing pipes Testing services Testing the router PART 2 - End-to-end testing Getting started with Protractor Understanding timeouts Advanced Protractor topics PART 3 - Continuous integration Continuous integration Appendix A - Setting up the sample project Additional resources

Summary Angular in Action teaches you everything you need to build production-ready Angular applications. Thorough and packed with tricks and tips, this hands-on tutorial is perfect for web devs ready to build web applications that whatever you throw at them. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Publications. About the Technology Angular makes it easy to deliver amazing web apps. This powerful JavaScript platform the tooling to manage your project, libraries to help handle most common tasks, and a rich ecosystem full of third-party to add as needed. Built with developer productivity in mind, Angular boosts your efficiency with a modern component well-constructed APIs, and a rich community. About the Book Angular in Action teaches you everything you need to build ready Angular applications. You'll start coding immediately, as you move from the basics to advanced techniques like dependency injection, and performance tuning. Along the way, you'll take advantage of TypeScript and ES2015 features clear, well-architected code. Thoroughly practical and packed with tricks and tips, this hands-on tutorial is perfect for ready to build web applications that can handle whatever you throw at them. What's Inside Spinning up your first Angular application A complete tour of Angular's features Comprehensive example projects Testing and debugging Managing applications About the Reader Written for web developers comfortable with JavaScript, HTML, and CSS. About the Author Wilken is a Google Developer Expert in Angular, Web Technologies, and Google Assistant. He has many years of experience building web applications and libraries for eBay, Teradata, and VMware. Table of Contents Angular: a modern web platform Building your first Angular app App essentials Component basics Advanced components Services Routing Building custom and pipes Forms Testing your application Angular in production

Summary Getting MEAN, Second Edition teaches you how to develop full-stack web applications using the MEAN stack. It was completely revised and updated to cover MongoDB 4, Express 4, Angular 7, Node 11, and the latest mainstream JavaScript ES2015. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning. About the Technology Juggling languages mid-application can radically slow down a full-stack web project. The MEAN stack—MongoDB, Express, Angular, and Node—uses JavaScript end to end, maximizing developer productivity and minimizing switching. And you'll love the results! MEAN apps are fast, powerful, and beautiful. About the Book Getting MEAN, Second Edition teaches you how to develop full-stack web applications using the MEAN stack. Practical from the very beginning, the book create a static site in Express and Node. Expanding on that solid foundation, you'll integrate a MongoDB database, build and add an authentication system. Along the way, you'll get countless pro tips for building dynamic and responsive web applications! What's inside MongoDB 4, Express 4, Angular 7, and Node.js 11 MEAN stack architecture Mobile-ready web practices for efficiency and reusability About the Reader Readers should be comfortable with standard web applications and ES2015-style JavaScript. About the Author Simon Holmes and Clive Harber are full-stack developers with decades of

JavaScript and other leading-edge web technologies. Table of Contents PART 1 - SETTING THE BASELINE Introducing development Designing a MEAN stack architecture PART 2 - BUILDING A NODE WEB APPLICATION Creating and setting up a MEAN project Building a static site with Node and Express Building a data model with MongoDB and Mongoose Writing a REST API: Exposing the MongoDB database to the application Consuming a REST API: Using an API from inside Express PART 3 - ADDING A DYNAMIC FRONT END WITH ANGULAR Creating an Angular application with TypeScript Building a single-page application with Angular: Foundations Building a single-page application with Angular: The next level PART 4 - MANAGING AUTHENTICATION AND USER SESSIONS Authenticating users, managing sessions, and securing APIs Using an authentication API in Angular applications

Building Large-Scale Web Applications with Angular

Learning Angular

The Essential Guide to Learn Angular

Professional AngularJS

Mastering Angular Reactive Forms

Learning Angular for .NET Developers

Discover actionable solutions to everyday problems in building applications with Angular and TypeScript, from app design to production deployment Key Features Explore recipes across core Angular topics to fill gaps in your knowledge of using Angular in production Discover industry best practices and tooling to enhance your development experience with Angular Understand advanced topics in Angular to help you become a proficient enterprise web developer Book Description The Angular framework, powered by Google, is the framework of choice for many web development projects built across varying scales. It's known to provide much-needed stability and a rich tooling ecosystem for building production-ready web and mobile apps. This recipe-based guide enables you to learn Angular concepts in depth using a step-by-step approach. You'll explore a wide range of recipes across key tasks in web development that will help you build high-performance apps. The book starts by taking you through core Angular concepts such as Angular components, directives, and services to get you ready for building frontend web apps. You'll develop web components with Angular and go on to cover advanced concepts such as dynamic components loading and state management with NgRx for achieving real-time performance. Later chapters will focus on recipes for effectively testing your Angular apps to make them fail-safe, before progressing to techniques for optimizing your app's performance. Finally, you'll create Progressive Web Apps (PWA) with Angular to provide an intuitive experience for users. By the end of this Angular book, you'll be able to create full-fledged, professional-looking Angular apps and have the skills you need for frontend development,

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which are crucial for an enterprise Angular developer. What you will learn Gain a better understanding of how components, services, and directives work in Angular Understand how to create Progressive Web Apps using Angular from scratch Build rich animations and add them to your Angular apps Manage your app's data reactivity using RxJS Implement state management for your Angular apps with NgRx Optimize the performance of your new and existing web apps Write fail-safe unit tests and end-to-end tests for your web apps using Jest and Cypress Get familiar with Angular CDK components for designing effective Angular components Who this book is for The book is for intermediate-level Angular web developers looking for actionable solutions to common problems in Angular enterprise development. Mobile developers using Angular technologies will also find this book useful. Working experience with JavaScript and TypeScript is necessary to understand the topics covered in this book more effectively.

A hands-on guide with a minimalist and flexible approach that enables quick learning and rapid delivery of cloud-ready enterprise applications with Angular 6 Key Features Explore tools and techniques to push your web app to the next level Master Angular app design and architectural considerations Learn continuous integration and deploy your app on a highly available cloud infrastructure in AWS Book Description Angular 6 for Enterprise-Ready Web Applications follows a hands-on and minimalist approach demonstrating how to design and architect high quality apps. The first part of the book is about mastering the Angular platform using foundational technologies. You will use the Kanban method to focus on value delivery, communicate design ideas with mock-up tools and build great looking apps with Angular Material. You will become comfortable using CLI tools, understand reactive programming with RxJS, and deploy to the cloud using Docker. The second part of the book will introduce you to the router-first architecture, a seven-step approach to designing and developing mid-to-large line-of-business applications, along with popular recipes. You will learn how to design a solid authentication and authorization experience; explore unit testing, early integration with backend APIs using Swagger and continuous integration using CircleCI. In the concluding chapters, you will provision a highly available cloud infrastructure on AWS and then use Google Analytics to capture user behavior. By the end of this book, you will be familiar with the scope of web development using Angular, Swagger, and Docker, learning patterns and practices to be successful as an individual developer on the web or as a team in the Enterprise. What you will learn Create full-stack web applications using Angular and RESTful APIs Master Angular fundamentals, RxJS, CLI tools, unit testing, GitHub, and Docker Design and architect responsive, secure and scalable apps to deploy on AWS Adopt a minimalist, value-first approach to delivering your app with Kanban Get introduced to automated testing with continuous integration on CircleCI Optimize Nginx and Node.js web servers with load testing tools Who this book is for This book is for developers who want to confidently deliver high-quality and production-grade Angular apps from design to deployment. We assume that you have prior experience in writing a RESTful API with the tech

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stack of your choice; if you don't, you can still gain a lot of benefit from this book, which focuses on the entire scope of frontend development, from design to deployment!

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Automated testing will help you write high-quality software in less time, with more confidence, fewer bugs, and without constant manual oversight. Testing JavaScript Applications is a guide to building a comprehensive and reliable JS application testing suite, covering both how to write tests and how JS testing tools work under the hood. Automated testing will help you write high-quality software in less time, with more confidence, fewer bugs, and without constant manual oversight. Testing JavaScript Applications is a guide to building a comprehensive and reliable JS application testing suite, covering both how to write tests and how JS testing tools work under the hood. Testing JavaScript Applications teaches you how to create JavaScript tests that are targeted to your application's specific needs. Through dozens of detailed code samples that you can apply to your own projects, you'll learn how to write tests for both backend and frontend applications, covering the full spectrum of testing types. Taking on the role of a developer for a bakery's web store, you'll learn to validate different aspects including databases, third-party services, and how to spin-up a real browser instance to interact with the entire application. All examples are delivered using the popular testing tool Jest and modern packages of the JavaScript ecosystem. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

Deliver production-ready and cloud-scale Angular web apps

Angular Projects

Angular in Action

Test-Driving JavaScript Applications

AngularJS Web Application Development Blueprints

Essential Angular

*A complete guide to build robust and scalable web applications with Spring and Angular. About This Book This hands on guide will teach you how to build an end-to-end modern web application using Spring and Angular. It is easy to read and will benefit Java developers who have been used to develop the back-end part of web application while front-end (UI) has been left for UI developers. Learn the core aspects involved in developing the backend and the UI, right from designing to integrating and deploying. Who This Book Is For This book is targeted towards Java Web Developers with a basic knowledge of Spring who want to build complete web applications in a fast and effective way. They will want to gain a stronghold on both frontend and backend development to advance in their careers. What You Will Learn Set up development environment for Spring Web App and Angular app. Process web request and response and build REST API endpoints. Create data access components using Spring Web MVC framework and Hibernate Use Junit 5 to test your application Learn the fundamental*

concepts around building Angular Configure and use Routes and Components. Protect Angular app content from common web vulnerabilities and attacks. Integrate Angular apps with Spring Boot Web API endpoints Deploy the web application based on CI and CD using Jenkins and Docker containers In Detail Spring is the most popular application development framework being adopted by millions of developers around the world to create high performing, easily testable, reusable code. Its lightweight nature and extensibility helps you write robust and highly-scalable server-side web applications. Coupled with the power and efficiency of Angular, creating web applications has never been easier. If you want build end-to-end modern web application using Spring and Angular, then this book is for you. The book directly heads to show you how to create the backend with Spring, showing you how to configure the Spring MVC and handle Web requests. It will take you through the key aspects such as building REST API endpoints, using Hibernate, working with Junit 5 etc. Once you have secured and tested the backend, we will go ahead and start working on the front end with Angular. You will learn about fundamentals of Angular and Typescript and create an SPA using components, routing etc. Finally, you will see how to integrate both the applications with REST protocol and deploy the application using tools such as Jenkins and Docker. Style and approach This is a straightforward guide that shows how to build a complete web application in Angular and Spring. Angular is not just a framework, but rather a platform that empowers developers to build applications for the web, mobile, and the desktop. This collection is a set of books aimed at getting you up to speed with Angular. It contains: Learn Angular: Your First Week, a collection of articles introducing Angular Learn Angular: Build a Todo App, an in-depth project tutorial that builds a complete Angular application from start to finish Learn Angular: 4 Angular Projects presents four practical Angular projects Learn Angular: Related Tools & Skills contains a collection of articles outlining essential tools and skills that every modern JavaScript developer should know. This book is for all front-end developers who want to become proficient with Angular and its related tools. You'll need to be familiar with HTML and CSS and have a reasonable level of understanding of JavaScript in order to follow the discussion.

Learn NativeScript to build native mobile applications with Angular, TypeScript, JavaScript About This Book Power packed hands-on guide to help you become pro-efficient with NativeScript Harness the power of your web development skills with JavaScript and Angular to build cross-platform mobile apps Create highly maintainable and feature-rich apps with TypeScript and NativeScript APIs Who This Book Is For This book assumes you have a general understanding of TypeScript, have heard of NativeScript and know what it's about, and are familiar with Angular (2.0). You don't need to be an expert in any of these technologies, but having some sense of them before reading is recommended this book, which is ideal for intermediate to advanced users. What You Will Learn Bootstrap a NativeScript for Angular app Best practices for project organization Style your app with CSS/SASS Use Angular together with NativeScript to create cross-platform mobile apps Take advantage of powerful Angular features, such as Dependency Injection, Components, Directives, Pipes, and NgModules right within your NativeScript apps Gain insight into great project organization and best practices Use Objective C/Swift and Java APIs directly

from TypeScript Use rich framework features and third-party plugins Style your app with CSS/SASS Integrate @ngrx/store + @ngrx/effects to help with state management Test your app with Karma and Appium In Detail NativeScript is an open source framework that is built by Progress in order to build truly native mobile apps with TypeScript, JavaScript or just Angular which is an open source framework built by Google that offers declarative templates, dependency injection, and fully featured modules to build rich applications. Angular's versatile view handling architecture allows your views to be rendered as highly performant UI components native to iOS and Android mobile platforms. This decoupling of the view rendering layer in Angular combined with the power of native APIs with NativeScript have together created the powerful and exciting technology stack of NativeScript for Angular. This book focuses on the key concepts that you will need to know to build a NativeScript for Angular mobile app for iOS and Android. We'll build a fun multitrack recording studio app, touching on powerful key concepts from both technologies that you may need to know when you start building an app of your own. The structure of the book takes the reader from a void to a deployed app on both the App Store and Google Play, serving as a reference guide and valuable tips/tricks handbook. By the end of this book, you'll know majority of key concepts needed to build a successful NativeScript for Angular app.

*Basic to Advance learning of Angular concepts* DESCRIPTION This book is an Essentials guide for every Angular developer. It covers all required topics an Angular developer need to get started. This book is written in Angular version 7 and explains vital concepts of Angular in extremely descriptive way with lot of code examples. KEY FEATURES A complete overview of the key aspects of Angular Up to date with the latest Angular release The book covers the framework's mental model, API, and the design principles behind it. WHAT WILL YOU LEARN Components & Binding, Web API SPAs & Routing, Template Driven Forms Forms, HTTP Unit Testing, ngModel, Angular Directives Pipes, Ignite UI WHO THIS BOOK IS FOR Students of Polytechnic Diploma Classes- Computer Science/ Information Technology Graduate Students- Computer Science/ CSE / IT/ Computer Applications Master Class Students—Msc (CS/IT)/ MCA/ M.Phil, M.Tech, M.S. Industry Professionals- Preparing for Certifications Table of Contents 1. Introduction 2. Component and Data Binding 3. Components Communications 4. Angular Directives 5. ViewEncapsulation in Angular 6. Pipes 7. Template Driven Forms 8. Reactive Forms 9. Angular Routing 10. Change Detection 11. Services and Providers 12. Working with API and \$http 13. Advanced Components Over 80 actionable recipes every Angular developer should know

AngularJS in Action

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ANGULARJS: in 8 Hours, for Beginners, Learn Coding Fast! (2nd Edition)

Angular Cookbook

Build a Full-Featured Web Application from Scratch Using AngularJS with Spring RESTful

Understand Angular web development by building real-world captivating applications exploring various web technologies and best practices Key Features Explore

Angular's capabilities in building Web apps, mobile apps, and browser games Get to know Angular's latest features like Ivy renderer, Lazy loading and differential loading Build test-driven Angular applications using Jasmine and Jest frameworks Book Description Angular is one of the best frameworks, not only for building web applications, but also for building applications on other platforms such as desktop and mobile. It is packed with amazing web tools that allow developers to become more productive and make the development experience a happier one This book will be your practical guide when it comes to building optimized web apps using Angular. The book explores a number of popular features, including the experimental Ivy rendered, lazy loading, and differential loading, among others, in the projects. It starts with the basics of Angular and its tools, which will help you to develop and debug Angular applications. You will learn how to create an SPA using Angular Router, and optimize it by code splitting and Preloading Routes. We will then build a form-heavy application and make forms reactive by using Reactive Forms. After that, we will learn how to build a Progressive Web App, and a server-side rendering app, as well as a MonoRepo app. Furthermore, we will also dive into building mobile apps using Ionic and NativeScript. Finally, we end the book by creating a component library for our application using Angular CDK and then testing it. By the end of this book, you will know everything you need in order to get started with Angular and build a variety of applications. What you will learn Set up Angular applications using Angular CLI and Angular Console Understand lazy loading using dynamic imports for routing Perform server-side rendering by building an SEO application Build a Multi-Language NativeScript Application with Angular Explore the components library for frontend web using Angular CDK Scale your Angular applications using Nx, NgRx, and Redux Who this book is for The book is aimed at any JavaScript developers who want to start with Angular and become an expert in all the tools and the various use cases that they might deal with as an Angular expert. Whatever the case, a basic understanding of Angular is a plus but is not required. You should know the basics of developing web applications and have experience working with ES6 or TypeScript.

Discover over 70 recipes that provide the solutions you need to know to face every challenge in Angular 2 head on About This Book A first-rate reference guide with a clear structure and intuitive index that gives you as a developer exactly the information you want in exactly the way you want it Covers no legacy material from the outdated Angular release candidates; it is up-to-date with the latest release of Angular 2.4 All the code in the book is explicitly written out, and every piece of code shown is a step towards building a simple working example Who This Book Is For This book is for developers who are competent with JavaScript and are looking to dive headfirst into the TypeScript edition of Angular 2. This book is also geared towards developers with experience in Angular 1 who are looking to make the transition. What You Will Learn Understand how to best move an Angular 1 application to Angular 2 Build a solid foundational understanding of the core elements of Angular 2 such as components, forms, and services Gain an ability to wield complex topics such as Observables and Promises Properly implement applications utilizing advanced topics such as dependency injection Know how to maximize the performance of Angular 2 applications Understand the best ways to take an Angular 2 application from TypeScript in a code editor to a fully function application served on your site Get to know the best practices when organizing and testing a large Angular 2 application In Detail Angular 2 introduces an entirely new way to build applications. It wholly embraces all the newest concepts that are built into the next generation of browsers, and it cuts away all the fat and bloat from Angular 1. This book plunges directly into the heart of all the most important Angular 2 concepts for you to conquer. In addition to covering all the Angular 2 fundamentals, such as components, forms, and services, it demonstrates how the framework embraces a range of new web technologies such as ES6 and TypeScript syntax, Promises, Observables, and Web Workers, among many others. This book covers all the most complicated Angular concepts and at the same time introduces the best practices with which to wield these powerful tools. It also covers in detail all the concepts you'll need to get you building applications faster. Oft-neglected topics such as testing and performance optimization are widely covered as well. A developer that reads through all the content in this book will have a broad and deep understanding of all the major topics in the Angular 2 universe. Style and approach This book follows a cookbook approach—each recipe presents a unique problem to which the solution is presented in a clear, concise, and manner step-by-step manner. With practical hands-on guidance in each and every recipe, you'll be able to get to grips with the

concepts.

Get a comprehensive introduction to the major Angular framework rewrite known as Angular Ivy Key Features Upgrade your Angular applications from traditional View Engine to modern Angular Ivy Get a detailed walkthrough of the new features and breaking changes in Angular Explorer new Angular APIs, syntax, tooling, and configurations for modern frontend web development Book Description Angular Ivy is the latest rendering engine and compiler introduced in Angular. Ivy helps frontend developers to make their Angular applications faster, better optimized, and more robust. This easy-to-follow guide will help you get to grips with the new features of Angular Ivy and show you how to migrate your Angular apps from View Engine to Ivy. You'll begin by learning about the most popular features of Angular Ivy with the help of simple stand-alone examples and realize its capabilities by working on a real-world application project. You'll then discover strategies to improve your developer workflow through new debugging APIs, testing APIs, and configurations that support higher code quality and productive development features. Throughout the book, you'll explore essential components of Angular, such as Angular Component Dev Kit (CDK), Ahead-of-time (AOT) compilation, and Angular command line interface (CLI). Finally, you'll gain a clear understanding of these components along with Angular Ivy which will help you update your Angular applications with modern features. By the end of this Angular Ivy book, you will learn about the core features of Angular Ivy, discover how to migrate your Angular View Engine application, and find out how to set up a high-quality Angular Ivy project. What you will learn Find out why Angular Ivy tests are faster and more robust Explore the concept of CSS custom properties and scoping of values and learn how to use them with Angular Ivy Use testing harnesses present in Angular components to write effective tests Explore the architecture of the Angular compatibility compiler and understand why it is important Discover effective techniques for migrating your existing Angular apps to the Ivy engine Overcome challenges that you might face when switching to AOT compilation Who this book is for This book is for experienced Angular web developers who want to migrate to the latest Ivy engine for building faster web applications. Intermediate knowledge of Angular and TypeScript will help you get the most out of this book.

Angular JS is responsible for making the website interactive and responsive. It helps designer and developers to eliminate much of the code usually needed for websites development. Angular JS is based upon MVC model. To learn and harness more power of the Angular JS framework, it takes a continuous intervention from an expert. But if you like to learn by yourself without spending big bucks behind expensive courses. This e-book could be your ultimate guide to AngularJS or AngularJS 2 Programming. The book covers all basic fundamentals of Angular JS like Routes, Modules, Directives, Dependency Injection and so on. The images and examples are well-illustrated addressing each and every glitch of Angular JS. The book purpose is to make Angular JS easier, simpler and interesting such that even beginners will feel like a pro at the end of the book. This edition promises your eventual mastery of AngularJS. The best thing about the book is that it is small and can be completed in a day. It will not only save your time but also accomplish our goal to save your effort in learning all needless jargons of Angular JS. With this e-book, you will be ready to create angular UI development as well as large scale applications effortlessly. Table Of Content Chapter 1: What is AngularJS? AngularJS Features AngularJS Architecture AngularJS Advantages Chapter 2: Hello World Chapter 3: Controller What Controller does from Angular's perspective How to build a basic Controller How to define Methods in Controller Using ng-controller in External Files Chapter 4: What is \$Scope in AngularJS? Chapter 5: ng-repeat Directive Chapter 6: How to use ""ng-model"" The ng-model Attribute How to use ng-model Chapter 7: ng-view What is a View? ng-view Directive in AngularJS ng-view Example Chapter 8: Expressions Explain Angular.js Expressions with an example AngularJS Numbers AngularJS Strings AngularJS Objects AngularJS Arrays AngularJS Expression capabilities and Limitations Difference between expression and \$eval Chapter 9: Filter Lowercase Uppercase Number Currency JSON Chapter 10: Custom Filter Chapter 11: Directive Chapter 12: CUSTOM Directive How to Create a Custom Directive? AngularJS Directives and Scopes Using controllers with directives How to create reusable directives AngularJS Directives and components - ng-transclude Nested directives Handling events in a directive Chapter 13: Module How to Create a module in AngularJS Modules and Controllers Chapter 14: Events The ng-click directive Showing HTML Elements using ng-show Hiding HTML Elements using ng-hide AngularJS Event Listener Directives Chapter 15:

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Routing with Parameters Adding Angular Route (\$routeProvider) Creating a default route Accessing parameters from the route Using Angular \$route service Enabling HTML5 Routing Chapter 16: AJAX Call High-level interactions with servers using \$resource Low-level server interactions with \$http Fetching data from a server running SQL and MySQL Chapter 17: Table Populate & Display Data in a Table AngularJS in-built Filter Sort Table with OrderBy Filter Display Table with Uppercase Filter Display the Table Index (\$index) Chapter 18: Form Validation Form validation using HTML5 Form validation using \$dirty, \$valid, \$invalid, \$pristine Form validation using AngularJS Auto Validate User feedbacks with Ladda buttons Chapter 19: Form Submit Chapter 20: ng-include Client Side includes Server Side Includes How to include HTML file in AngularJS Chapter 21: Dependency Injection Which Component can be Injected as a Dependency In AngularJS Example of Dependency Injection Chapter 22: Karma Jasmine Introduction & Installation of Karma framework Testing AngularJS Controllers Testing AngularJS Directives End to End Testing AngularJS JS applications Chapter 23: Protractor Testing Why Do We Need Protractor Framework? Protractor Installation Sample AngularJS application testing using Protractor Execution of the Code Generate Reports using Jasmine Reporters Build nine real-world applications from scratch using Angular 8 and TypeScript

Learning Angular, Step by Step

Angular: Up and Running

Full Stack AngularJS for Java Developers

The Angular Tutorial

Angular 2 Cookbook

About This Book This Book Absolutely for Beginners: "AngularJS in 8 Hours" covers all essential AngularJS knowledge. You can learn complete primary skills of AngularJS fast and easily. The book includes more than 80 practical examples for beginners and includes tests & answers for the college exam, the engineer certification exam, and the job interview exam. Source Code for Download: This book provides source code for download; you can download the source code for better study, or copy the source code to your favorite editor to test the programs. Download link: [forms.aweber.com/form/31/1924478131.html](https://forms.aweber.com/form/31/1924478131.html) In this book, you can learn: How to use AngularJS How to use Directives How to use Filters How to use Directive in DOM How to use Events How to use Expression How to use Controller & Scope How to use Module & API How to use Angular Service How to use Angular Http How to use Angular MySql How to use Angular Check How to use Angular Validation How to use Angular Include.....And much more..... Appendix 1 Ajax Basic Appendix 2 Know More AngularJS Appendix 3 AngularJS Tests & Answers Click the Buy button now, start coding today! Tags: angularjs tutorial angular angularjs 2 ui examples angularjs release date book apply editor ui course learn angularjs angular testing video tutorial app angularjs angular basics javascript framework docs angularjs mvc version documentation websites sites latest get angularjs application development codes using angularjs angular angle agile js web app mvc

Managing the state of large-scale web applications is a highly challenging task with the need to align different components, backends, and web workers harmoniously. When it comes to Angular, you can use NgRx, which combines the simplicity of Redux with the reactive programming power of RxJS to build your application architecture, making your ...

Get introduced to full stack enterprise development. Whether you are new to AngularJS and Spring RESTful web services, or you are a seasoned expert, you will be able to build a full-featured web application from scratch using AngularJS and Spring RESTful web services. Full stack web development is in demand because you can explore the best of different tools and frameworks and yet make your apps solid and reliable in design, scalability, robustness, and security. This book assists you in creating your own full stack development environment that

includes the powerful and revamped AngularJS, and Spring REST. The architecture of modern applications is covered to prevent the development of isolated desktop and mobile applications. By the time you reach the end of this book you will have built a full-featured dynamic app. You will start your journey by setting up a Spring Boot development environment and creating your RESTful services to perform CRUD operations. Then you will migrate the front-end tools—AngularJS and Bootstrap—into your Spring Boot application to consume RESTful services. You will secure your REST API using Spring Security and consume your secured REST API using AngularJS. What You'll Learn Build a REST application with Spring Boot Expose CRUD operations using RESTful endpoints Create a single page application by integrating Angular JS and Bootstrap in Spring Boot Secure REST APIs using Spring Security Consume secured RESTful Services using Angular JS Build a REST client using a REST template to consume RESTful services Test RESTful services using the Spring MVC Test Framework Who This Book Is For Web application developers with previous Java programming experience who want to create enterprise-grade, scalable Java apps using powerful front tools such as AngularJS and Bootstrap along with popular back-end frameworks such as Spring Boot

If you are a web application developer interested in using AngularJS for a real-life project, then this book is for you. As a prerequisite, knowledge of JavaScript and HTML is expected, and a working knowledge of AngularJS is preferred.

Testing Angular Applications

Pro Angular 9

Pro Angular

Learn AngularJS in 24 Hours

A no-nonsense beginner's guide to building web applications with Angular 10 and TypeScript, 3rd Edition

Build Powerful and Dynamic Web Apps

**Summary Testing Angular Applications is an example-rich, hands-on guide that gives you the real-world techniques you need to thoroughly test all parts of your Angular applications. By the end of this book, you'll be able to confidently write unit and end-to-end tests for Angular applications in TypeScript. Foreword by Brad Green, Google. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Don't leave the success of your mission-critical Angular apps to chance. Proper testing improves code quality, reduces maintenance costs, and rewards you with happy users. New tools and best practices can streamline and automate all aspects of testing web apps, both in development and in production. This book gets you started. About the Book Testing Angular Applications teaches you how to make testing an essential part of your development and production processes. You'll start by setting up a simple unit testing system as you learn the fundamental practices. Then, you'll fine-tune it as you discover the best tests for Angular components, directives, pipes, services, and routing. Finally, you'll explore end-to-end testing, mastering the Protractor framework, and inserting Angular apps into your continuous integration pipeline.**

**What's inside** Getting to know TypeScript Writing and debugging unit tests Writing and debugging end-to-end tests with Protractor Building continuous integration for your entire test suite About the Reader This book is for readers with intermediate JavaScript skills. About the Author Jesse Palmer is a senior engineering manager at Handshake. Corinna Cohn is a single-page web application specialist. Mike Giambalvo and Craig Nishina are engineers at Google. Table of Contents Introduction to testing Angular applications PART 1 - Unit testing Creating your first tests Testing components Testing directives Testing pipes Testing services Testing the router PART 2 - End-to-end testing Getting started with Protractor Understanding timeouts Advanced Protractor topics PART 3 - Continuous integration Continuous integration Appendix A - Setting up the sample project Appendix B - Additional resources

Angular 5 updates for this book are now available. Follow the [Download source code](#) link for this book on the [Apress website](#). Get the most from Angular 2, the leading framework for building dynamic JavaScript applications. Best-selling author Adam Freeman begins by describing the MVC pattern and the benefits it can offer and then shows you how to use Angular in your projects, starting from the nuts-and-bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Each topic is covered clearly and concisely and is packed with the details you need to learn to be truly effective. The most important features are given a no-nonsense in-depth treatment and chapters include common problems and details of how to avoid them. What you'll learn Gain a solid architectural understanding of the MVC Pattern Learn how to create rich and dynamic web app clients using Angular 2 Learn how to extend and customize Angular 2 Learn how to test your Angular 2 projects Who this book is for Web developers with a foundation knowledge of HTML and JavaScript who want to create rich client-side applications.