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# Spring Boot Angularjs Spring Data Jpa Crud App

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## VANG JANIYAH

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*DEVOPS USING SPRING CLOUD AND NETFLIX* Springer

Build mission-critical enterprise applications using Spring Framework and Aspect Oriented Programming About This Book Step into more advanced features of aspect-oriented programming and API components to build enterprise grade systems Build lightning-fast web applications and REST APIs using Spring MVC and its asynchronous processing capabilities with the view technologies of your choice Explore simplified but powerful data access techniques including JPA (Java Persistence Architecture) repositories and NoSQL data access Who This Book Is For If you are a Java developer who is looking to master Enterprise Java Development using Spring Framework, then this book is ideal for you. Prior understanding of core Java programming and a high-level understanding of Spring Framework is recommended. Having sound knowledge of servlet-based web development in Java and basic Database concepts would be an advantage but not a requirement. What You Will Learn Set up and build standalone and web-based projects using Spring Framework with Maven or Gradle Get familiar with JSP Form processing using Spring and Form Tag Library Develop RESTful API applications for XML and JSON data transfers with non-blocking asynchronous capabilities Explore Spring's comprehensive transaction support for declarative Transaction Management and its integration with Spring's data access abstractions Investigate Spring Data access mechanisms with Spring Data Repositories, a simple and consistent data-access abstraction Construct real-time applications using WebSocket with a SockJS fallback option Understand how to secure your Spring Web and standalone applications using Spring Security declaratively and consistently Get to grips with the end-to-end development of an API-based modern SPA using EmberJS at the front end and SpringMVC at the back end In Detail Spring is an open source Java application development framework to build and deploy systems and applications that run on the JVM. It is the industry standard and the most popular framework among Java developers with over two-thirds of developers using it. Spring Essentials makes learning Spring so much quicker and easier with the help of illustrations and practical examples. Starting from the core concepts of features such as inversion of Control Container and BeanFactory, we move on to a detailed look at aspect-oriented programming. We cover the breadth and depth of Spring MVC, the WebSocket technology, Spring Data, and Spring Security with various authentication and authorization mechanisms. Packed with real-world

examples, you'll get an insight into utilizing the power of Spring Expression Language in your applications for higher maintainability. You'll also develop full-duplex real-time communication channels using WebSocket and integrate Spring with web technologies such as JSF, Struts 2, and Tapestry. At the tail end, you will build a modern SPA using EmberJS at the front end and a Spring MVC-based API at the back end. By the end of the book, you will be able to develop your own full-fledged applications with Spring. Style and approach This book is a practical guide based on logical modules of the whole Spring Framework family, with a start-small approach, increasing in complexity as it progresses. Every chapter is an amalgamation of theory and practical examples, with further discussion on additional features and approaches.

*Horton Hears a Who!* Packt Publishing Ltd

The things you need to do to set up a new software project can be daunting. First, you have to select the back-end framework to create your API, choose your database, set up security, and choose your build tool. Then you have to choose the tools to create your front end: select a UI framework, configure a build tool, set up Sass processing, configure your browser to auto-refresh when you make changes, and configure the client and server so they work in unison. If you're building a new application using Spring Boot and Angular, you can save days by using JHipster. JHipster generates a complete and modern web app, unifying: - A high-performance and robust Java stack on the server side with Spring Boot - A sleek, modern, mobile-first front-end with Angular and Bootstrap - A robust microservice architecture with the JHipster Registry, Netflix OSS, the ELK stack, and Docker - A powerful workflow to build your application with Yeoman, Webpack, and Maven/Gradle

*Spring Essentials* SourceBeat, LLC

Document the architecture of your software easily with this highly practical, open-source template. Key Features Get to grips with leveraging the features of arc42 to create insightful documents Learn the concepts of software architecture documentation through real-world examples Discover techniques to create compact, helpful, and easy-to-read documentation Book Description When developers document the architecture of their systems, they often invent their own specific ways of articulating structures, designs, concepts, and decisions. What they need is a template that enables simple and efficient software architecture documentation. arc42 by Example shows how it's done through several real-world examples. Each example in the book, whether it is a chess engine, a huge CRM system, or a cool web system, starts with a brief description of the problem domain and the quality requirements. Then, you'll discover the system context with all the external interfaces. You'll

dive into an overview of the solution strategy to implement the building blocks and runtime scenarios. The later chapters also explain various cross-cutting concerns and how they affect other aspects of a program. What you will learn Utilize arc42 to document a system's physical infrastructure Learn how to identify a system's scope and boundaries Break a system down into building blocks and illustrate the relationships between them Discover how to describe the runtime behavior of a system Know how to document design decisions and their reasons Explore the risks and technical debt of your system Who this book is for This book is for software developers and solutions architects who are looking for an easy, open-source tool to document their systems. It is a useful reference for those who are already using arc42. If you are new to arc42, this book is a great learning resource. For those of you who want to write better technical documentation will benefit from the general concepts covered in this book.

#### **Spring Boot with React and AWS** Packt Publishing Ltd

A developer's guide to designing, testing, and securing production-ready modern APIs with the help of practical ideas to improve your application's functionality Key Features Build resilient software for your enterprises and customers by understanding the complete API development life cycle Overcome the challenges of traditional API design by adapting to a new and evolving culture of modern API development Use Spring and Spring Boot to develop future-proof scalable APIs Book Description The philosophy of API development has evolved over the years to serve the modern needs of enterprise architecture, and developers need to know how to adapt to these modern API design principles. Apps are now developed with APIs that enable ease of integration for the cloud environment and distributed systems. With this Spring book, you'll discover various kinds of production-ready API implementation using REST APIs and explore async using the reactive paradigm, gRPC, and GraphQL. You'll learn how to design evolving REST-based APIs supported by HATEOAS and ETAGs and develop reactive, async, non-blocking APIs. After that, you'll see how to secure REST APIs using Spring Security and find out how the APIs that you develop are consumed by the app's UI. The book then takes you through the process of testing, deploying, logging, and monitoring your APIs. You'll also explore API development using gRPC and GraphQL and design modern scalable architecture with microservices. The book helps you gain practical knowledge of modern API implementation using a sample e-commerce app. By the end of this Spring book, you'll be able to develop, test, and deploy highly scalable, maintainable, and developer-friendly APIs to help your customers to transform their business. What you will learn Understand RESTful API development, its design paradigm, and its best practices Become well versed in Spring's core components for implementing RESTful web services Implement reactive APIs and explore async API development Apply Spring Security for authentication using JWT and authorization of requests Develop a React-based UI to consume APIs Implement gRPC inter-service communication Design GraphQL-based APIs by understanding workflows and tooling Gain insights into how you can secure, test, monitor, and deploy your APIs Who this book is for This book is for inexperienced Java programmers, comp science, or coding boot camp graduates who have knowledge of basic programming constructs, data structures, and algorithms in Java but lack the practical web development skills necessary to start working as a developer. Professionals who've recently joined a startup or a company and are tasked with creating real-world web APIs and services will also find

this book helpful. This book is also a good resource for Java developers who are looking for a career move into web development to get started with the basics of web service development.

#### **Pattern Enterpr Applica Arch Full Stack AngularJS for Java DevelopersBuild a Full-Featured Web Application from Scratch Using AngularJS with Spring RESTful**

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 ForThis 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 containersIn DetailSpring 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 approachThis is a straightforward guide that shows how to build a complete web application in Angular and Spring.

#### **Modern API Development with Spring and Spring Boot** Packt Publishing Ltd

As a developer, you need to build software in a secure way. But you can't spend all your time focusing on security. The answer is to use good design principles, tools, and mindsets that make security an implicit result - it's secure by design. Secure by Design teaches developers how to use design to drive security in software development. This book is full of patterns, best practices, and mindsets that you can directly apply to your real world development. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

[Software architecture documentation in practice](#) Packt Publishing Ltd

\* New edition of the proven Professional JSP - best selling JSP title at the moment. This is the title

that others copy. \* This title will coincide with the release of the latest version of the Java 2 Enterprise Edition, version 1.4. JavaServer Pages 2.0 is a core component of this new release. \* One single text gives comprehensive coverage of JavaServer Pages, the enhancements in version 2.0, and the most popular associated technologies, including Servlets, JSTL and Apache Tomcat 5.

#### Microservices using Spring Cloud computing Apress

Spring REST is a practical guide for designing and developing RESTful APIs using the Spring Framework. This book walks you through the process of designing and building a REST application while taking a deep dive into design principles and best practices for versioning, security, documentation, error handling, paging, and sorting. This book provides a brief introduction to REST, HTTP, and web infrastructure. You will learn about several Spring projects such as Spring Boot, Spring MVC, Spring Data JPA, and Spring Security and the role they play in simplifying REST application development. You will learn how to build clients that consume REST services. Finally, you will learn how to use the Spring MVC test framework to unit test and integration test your REST API. After reading this book, you will come away with all the skills to build sophisticated REST applications using Spring technologies.

#### **Angular Development with TypeScript** Dhiraj Baraik

Choose kindness with Horton the elephant and the Whos of Who-ville in this 65th Anniversary Edition of Dr. Seuss's classic picture book about caring for others! The new matte finish cover and peel-off Anniversary Sticker make it a perfect gift! A person's a person, no matter how small. Everyone's favorite elephant stars in this heartwarming and timeless story for readers of all ages. In the colorful Jungle of Nool, Horton discovers something that at first seems impossible: a tiny speck of dust contains an entire miniature world--Who-ville--complete with houses and grocery stores and even a mayor! But when no one will stand up for the Whos of Who-ville, Horton uses his elephant-sized heart to save the day. This tale of compassion and determination proves that any person, big or small, can choose to speak out for what is right. This story showcases the very best of Dr. Seuss, from the moving message to the charming rhymes and imaginative illustrations. No bookshelf is complete without Horton and the Whos! Do you see what I mean? . . . They've proved they ARE persons, no matter how small. And their whole world was saved by the Smallest of All!

#### *Spring Microservices in Action* John Wiley & Sons

Unleash the power of Spring MVC and build enterprise-grade, lightning-fast web applications About This Book Configure Spring MVC to build logic-less controllers that transparently support the most advanced web techniques Secure your developments with easy-to-write, reliable unit and end-to-end tests Get this fast-paced, practical guide to produce REST resources and templates as required by the latest front-end best practices Who This Book Is For This Learning Path is for Java developers who want to exploit Spring MVC and its features to build web applications. It will help you step up in your career and stay up to date or learn more about Spring's web scalability. What You Will Learn Set up and build standalone and web-based projects using Spring Framework with Maven or Gradle Develop RESTful API applications for XML and JSON data transfers Investigate Spring data access mechanisms with Spring Data Repositories Generate templates for a responsive and powerful front end with AngularJS and Bootstrap Authenticate over REST with a BASIC authentication scheme and OAuth2; handle roles and permissions Communicate through WebSocket and STOMP messages

Design complex advanced-level forms and validate the model Create maintainable unit and acceptance tests to secure the apps Deploy the web application to the cloud in a snap In Detail Spring MVC helps you build flexible and loosely coupled web applications. The Spring MVC Framework is designed in such a way that every piece of logic and functionality is highly configurable. This Learning Path aims to make you an expert in designing web applications with Spring MVC 4. In our first module, we'll begin with an introduction to the Spring framework. You'll then learn aspect-oriented programming. Packed with real-world examples, you'll get an insight into how you can use Spring Expression Language in your applications to make them easier to manage and maintain. In the second module, you'll learn everything you need to build modern Spring-based enterprise web applications. From practical development techniques and useful tools from the wider Spring ecosystem, to the new JEE standards, the impact of JavaScript, and even the Internet of Things, you'll feel confident that you can deploy Spring for an impressive range of creative purposes. In the final module, you'll find out how to take advantage of Spring MVC's advanced features - essential if you are to properly master the framework. To do this you'll investigate the inner mechanics of Spring MVC, and how they tie into to the broader principles that inform many modern web architectures. With further guidance on how to test, secure, and optimize your application, as well as designing RESTful services, you'll very quickly be ready to use Spring in your next web project. 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: Spring Essentials by Shameer Kunjumohamed, Hamidreza Sattari Spring MVC Cookbook by Alex Bretet Mastering Spring MVC 4 by Geoffroy Warin Style and approach This is a hands-on, practical guide based on logical modules of the whole Spring framework family, employing a combination of theory and examples with pro-level practices, techniques, and solutions.

#### *Build a Full-Featured Web Application from Scratch Using AngularJS with Spring RESTful* Packt Publishing Ltd

Build a microservices architecture with Spring Boot, by evolving an application from a small monolith to an event-driven architecture composed of several services. This book follows an incremental approach to teach microservice structure, test-driven development, Eureka, Ribbon, Zuul, and end-to-end tests with Cucumber. Author Moises Macero follows a very pragmatic approach to explain the benefits of using this type of software architecture, instead of keeping you distracted with theoretical concepts. He covers some of the state-of-the-art techniques in computer programming, from a practical point of view. You'll focus on what's important, starting with the minimum viable product but keeping the flexibility to evolve it. What You'll Learn Build microservices with Spring Boot Use event-driven architecture and messaging with RabbitMQ Create RESTful services with Spring Master service discovery with Eureka and load balancing with Ribbon Route requests with Zuul as your API gateway Write end-to-end tests for an event-driven architecture using Cucumber Carry out continuous integration and deployment Who This Book Is For Those with at least some prior experience with Java programming. Some prior exposure to Spring Boot recommended but not required.

#### *Grasp the fundamentals of Spring 5.0 to build modern, robust, and scalable Java applications* Dhiraj Baraik

Written by the core development team of JHipster and fully updated for JHipster 6, Java 11, and Spring Boot 2.1, this book will show you how to build modern web applications with real-world examples and best practices. Key Features: Build full stack applications with modern JavaScript frameworks such as Angular, React, and Vue.js. Explore the JHipster microservices stack, which includes Spring Cloud, Netflix OSS, and the Elastic Stack. Learn advanced local and cloud deployment strategies using Docker and Kubernetes. Book Description: JHipster is an open source development platform that allows you to easily create web apps and microservices from scratch without spending time on wiring and integrating different technologies. Updated to include JHipster 6, Java 11, Spring Boot 2.1, Vue.js, and Istio, this second edition of Full Stack Development with JHipster will help you build full stack applications and microservices seamlessly. You'll start by understanding JHipster and its associated tools, along with the essentials of full stack development, before building a monolithic web app. You'll then learn the JHipster Domain Language (JDL) with entity modeling using JDL-Studio. With this book, you'll create production-ready web apps using Spring Boot, Spring Framework, Angular, and Bootstrap, and run tests and set up continuous integration pipelines with Jenkins. As you advance, you'll learn how to convert your monoliths to microservices and how to package your application for production with various deployment options, including Heroku and Google Cloud. You'll also learn about Docker and Kubernetes, along with an introduction to the Istio service mesh. Finally, you'll build your client-side with React and Vue.js and discover JHipster's best practices. By the end of the book, you'll be able to leverage the best tools available to build modern web apps. What you will learn: Create full stack apps from scratch using the latest features of JHipster 6 and Spring Boot 2.1. Build business logic by creating and developing entity models using JDL. Understand how to convert a monolithic architecture into a full-fledged microservices architecture. Build and package your apps for production using Docker. Deploy your application to Google Cloud with Kubernetes. Create continuous integration/continuous delivery pipelines with Jenkins. Create applications using Angular, React, and Vue.js client-side frameworks. Who this book is for: This book is for full stack developers who want to build web applications and microservices speedily without writing a lot of boilerplate code. If you're a backend developer looking to learn full stack development with JavaScript frameworks and libraries such as Angular, React, and Vue.js, you'll find this book useful. Experience in building Java web applications is required. Some exposure to the Spring Framework would be beneficial but not necessary to get the most out of this book. [Spring Boot in Action](#) Packt Publishing Ltd

This book is a collection of developer code recipes and best practices for persisting data using Spring, particularly Spring Boot. The book is structured around practical recipes, where each recipe discusses a performance case or performance-related case, and almost every recipe has one or more applications. Mainly, when we try to accomplish something (e.g., read some data from the database), there are several approaches to do it, and, in order to choose the best way, you have to know the implied trade-offs from a performance perspective. You'll see that in the end, all these penalties slow down the application. Besides presenting the arguments that favor a certain choice, the application is written in Spring Boot style which is quite different than plain Hibernate. Persistence is an important set of techniques and technologies for accessing and using data, and this book demonstrates that data is mobile regardless of specific applications and contexts. In Java

development, persistence is a key factor in enterprise, ecommerce, cloud and other transaction-oriented applications. After reading and using this book, you'll have the fundamentals to apply these persistence solutions into your own mission-critical enterprise Java applications that you build using Spring. What You Will Learn: Shape \*-to-many associations for best performances. Effectively exploit Spring Projections (DTO). Learn best practices for batching inserts, updates and deletes. Effectively fetch parent and association in a single SELECT. Learn how to inspect Persistent Context content. Dissect pagination techniques (offset and keyset). Handle queries, locking, schemas, Hibernate types, and more. Who This Book Is For: Any Spring and Spring Boot developer that wants to squeeze the persistence layer performances.

#### **arc42 by Example** Thoughts on Java

Unleash the power of the latest Spring MVC 4.x to develop a complete application. About This Book: Work through carefully crafted exercises with detailed explanations for each step will help you understand the concepts with ease. You will gain a clear understanding of the end-to-end request/response life cycle, and each logical component's responsibility. This book is packed with tips and tricks that demonstrate industry best practices on developing a Spring-MVC-based application. Who This Book Is For: The book is for Java developers who want to exploit Spring MVC and its features to build web applications. Some familiarity with basic servlet programming concepts would be a plus, but is not a prerequisite. What You Will Learn: Familiarize yourself with the anatomy of the Spring 4.X development environment. Understand web application architecture and the Spring MVC request flow. Integrate bean validation and custom validation. Use error handling and exception resolving. Get to grips with REST-based web service development and Ajax. Test your web application. In Detail: Spring MVC helps you build flexible and loosely coupled web applications. The Spring MVC Framework is architected and designed in such a way that every piece of logic and functionality is highly configurable. Also, Spring can integrate effortlessly with other popular web frameworks such as Struts, WebWork, Java Server Faces, and Tapestry. The book progressively teaches you to configure the Spring development environment, architecture, controllers, libraries, and more before moving on to developing a full web application. It begins with an introduction to the Spring development environment and architecture so you're familiar with the know-hows. From here, we move on to controllers, views, validations, Spring Tag libraries, and more. Finally, we integrate it all together to develop a web application. You'll also get to grips with testing applications for reliability. Style and approach: This book takes a pragmatic step-by-step approach to web application development using Spring MVC, with informative screenshots and concise explanation.

#### **JSON at Work** Apress

Introduction to Microservices, will introduce you to the microservices architecture, cloud environment, etc. You will learn the difference between a microservice based application and a monolith application while also learning how to migrate to a microservices application. Spring for DevOps & Microservices, will introduce you Spring Boot framework. You will learn how to effectively use it to create microservice application. We will cover such topics like creating REST API using Spring MVC annotations, providing API documentation using Swagger2, and exposing health checks and metrics using Spring Boot Actuator endpoints. Spring Cloud Overview, will provide a short description of the main projects being a part of Spring Cloud. It will focus on describing the main

patterns implemented by Spring Cloud and assigning them to the particular projects.

*Full Stack Development with JHipster* Lulu.com

Implement JPA repositories and harness the performance of Redis in your applications.

**Learn Microservices with Spring Boot** "O'Reilly Media, Inc."

Aimed at users who are familiar with Java development, "Spring Live" is designed to explain how to integrate Spring into your projects to make software development easier. (Technology & Industrial)

**Build self-healing, microservices-based, distributed systems using Spring Cloud** Apress  
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

[Spring REST](#) Paiminix

An end-to-end software development guide for the Java eco-system using the most advanced frameworks: Spring and Spring Boot. Learn the complete workflow by building projects and solving problems. About This Book Learn reactive programming by implementing a reactive application with Spring WebFlux Create a robust and scalable messaging application with Spring messaging support Get up-to-date with the defining characteristics of Spring Boot 2.0 in Spring Framework 5 Learn about developer tools, AMQP messaging, WebSockets, security, MongoDB data access, REST, and more This collection of effective recipes serves as guidelines for Spring Boot application development Who This Book Is For Java developers wanting to build production-grade applications using the newest popular Spring tools for a rich end-to-end application development experience. What You Will Learn Get to know the Spring Boot and understand how it makes creating robust applications extremely simple Understand how Spring Data helps us add persistence in MongoDB and SQL databases Implement a websocket to add interactive behaviors in your applications Create powerful, production-grade applications and services with minimal fuss Use custom metrics to track

the number of messages published and consumed Build anything from lightweight unit tests to fully running embedded web container integration tests Learn effective testing techniques by integrating Cucumber and Spock Use Hashicorp Consul and Netflix Eureka for dynamic Service Discovery In Detail Spring Framework has become the most popular framework for Java development. It not only simplifies software development but also improves developer productivity. This book covers effective ways to develop robust applications in Java using Spring. The course is up made of three modules, each one having a take-away relating to building end-to-end java applications. The first module takes the approach of learning Spring frameworks by building applications. You will learn to build APIs and integrate them with popular frameworks such as AngularJS, Spring WebFlux, and Spring Data. You will also learn to build microservices using Spring's support for Kotlin. You will learn about the Reactive paradigm in the Spring architecture using Project Reactor. In the second module, after getting hands-on with Spring, you will learn about the most popular tool in the Spring ecosystem—Spring Boot. You will learn to build applications with Spring Boot, bundle them, and deploy them on the cloud. After learning to build applications with Spring Boot, you will be able to use various tests that are an important part of application development. We also cover the important developer tools such as AMQP messaging, websockets, security, and more. This will give you a good functional understanding of scalable development in the Spring ecosystem with Spring Boot. In the third and final module, you will tackle the most important challenges in Java application development with Spring Boot using practical recipes. Including recipes for testing, deployment, monitoring, and securing your applications. This module will also address the functional and technical requirements for building enterprise applications. By the end of the course you will be comfortable with using Spring and Spring Boot to develop Java applications and will have mastered the intricacies of production-grade applications. Style and approach A simple step-by-step guide with practical examples to help you develop and deploy Spring and Spring Boot applications in the real-world.

**Mastering Spring Cloud** Addison-Wesley

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