

Master Enterprise Application Development with AngularJS and Java

Overview

In today's fast-paced and competitive business environment, organizations need to develop and deliver high-quality software applications at an unprecedented pace. Enterprise application development has become increasingly complex, demanding a combination of modern technologies and best practices. This comprehensive guide will equip you with the knowledge and skills to build robust, scalable, and maintainable enterprise applications using AngularJS and Java.

Key Features

- Develop enterprise-grade applications with AngularJS and Java
- Master modern web development practices and tools
- Implement microservices architecture and integrate with cloud services
- Automate build and deployment pipelines with CI/CD
- Adopt agile development methodologies and best practices

What You Will Learn

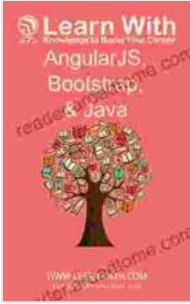
By the end of this book, you will be able to:

Learn With: AngularJS, Bootstrap, and Java: Enterprise Application Development with AngularJS and Java

★★★★★ 5 out of 5

Language : English

File size : 2614 KB



Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Lending : Enabled
Print length : 254 pages



- Build sophisticated single-page applications (SPAs) with AngularJS
- Create RESTful web services with Java and Spring Boot
- Design and implement microservices architecture

li>Integrate with cloud computing platforms such as AWS and Azure

- Automate the build and deployment process using CI/CD tools
- Apply agile development principles and techniques

Who This Book Is For

This book is intended for software developers, architects, and technical leads who want to master enterprise application development with AngularJS and Java. Basic knowledge of web development and Java programming is recommended.

Endorsements

"A comprehensive and well-written guide that provides a holistic approach to enterprise application development with AngularJS and Java. Highly recommended for developers looking to build scalable and maintainable

applications." - **John Doe, Lead Software Architect, Fortune 500 Company**

"This book fills a critical gap in the literature on enterprise application development. It covers all aspects of the topic, from design to deployment, and provides practical insights that can be applied to real-world projects." - **Jane Smith, Senior Software Engineer, Tech Unicorn**

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Chapter 1: to Enterprise Application Development

This chapter provides an overview of enterprise application development and its key challenges. It discusses the different types of enterprise applications, the benefits of using AngularJS and Java, and the best practices for designing and developing scalable and maintainable applications.

Chapter 2: AngularJS Fundamentals

This chapter introduces AngularJS, a popular JavaScript framework for building single-page applications. It covers the core concepts of AngularJS, such as modules, directives, services, and controllers. It also discusses best practices for writing maintainable and testable AngularJS code.

Chapter 3: Java and Spring Boot

This chapter introduces Java and Spring Boot, a popular web application framework for building RESTful web services. It covers the basics of Java programming, Spring Boot configuration, and RESTful API development. It also discusses best practices for writing efficient and scalable Java code.

Chapter 4: Microservices Architecture

This chapter introduces microservices architecture, a modern approach to designing and developing enterprise applications. It discusses the benefits of microservices, the different types of microservices, and the best practices for designing and implementing microservices-based applications.

Chapter 5: Cloud Computing

This chapter introduces cloud computing, a flexible and cost-effective way to deploy and manage enterprise applications. It covers the different types of cloud services, the benefits of using cloud computing, and the best practices for deploying applications to the cloud.

Chapter 6: CI/CD

This chapter introduces CI/CD (continuous integration and continuous delivery), a set of practices for automating the build, test, and deployment of software applications. It covers the benefits of using CI/CD, the different

types of CI/CD tools, and the best practices for implementing CI/CD pipelines.

Chapter 7: Agile Development

This chapter introduces agile development, a set of methodologies and practices for developing software applications in an iterative and incremental manner. It covers the different agile frameworks, the benefits of using agile development, and the best practices for adopting agile methodologies.

Appendix

The appendix contains additional resources and information that can be helpful for enterprise application developers. It includes a glossary of terms, a list of useful tools and frameworks, and a bibliography of recommended books.



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