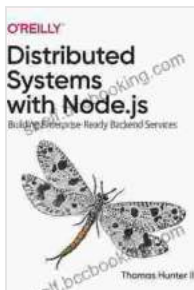# Building Enterprise-Ready Backend Services: Your Blueprint for Scalable, Reliable Systems

Welcome to the world of software engineering, where the backend services play a crucial role in the seamless operation of modern applications. In today's demanding digital landscape, where businesses rely heavily on technology to drive their success, the need for enterprise-ready backend services has become paramount.

This comprehensive guide, "Building Enterprise-Ready Backend Services," is your indispensable blueprint for designing, developing, and deploying scalable, reliable, and performant backend systems that can meet the stringent demands of enterprise-level applications.

Distributed Systems with Node.js: Building Enterprise-Ready Backend Services by SCOTT THOMPSON

★★★★☆ 4.7 out of 5

Language	: English
File size	: 6646 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 667 pages

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What's Inside

Within the pages of this book, you will embark on a journey to master the art of constructing enterprise-ready backend services. Delve into the

following key aspects:

1. Service Design: Laying the Foundation

- Discover the principles of service-oriented architecture (SOA) and microservices.

- Learn how to define service boundaries, identify dependencies, and design loosely coupled systems.

- Explore techniques for versioning, API design, and handling service failures.

2. Data Modeling: The Backbone of Information

- Understand the fundamentals of data modeling for backend services.

- Explore relational and non-relational databases, data normalization, and data integrity.

- Learn how to design efficient data schemas that support high performance and scalability.

3. API Development: The Interface to the World

- Master the principles of API design, including RESTful APIs, JSON, and OpenAPI specification.

- Learn best practices for API versioning, security, and error handling.

- Discover techniques for building robust and scalable API gateways.

4. Deployment Strategies: Bringing Services to Life

- Explore different deployment options, including containers, virtual machines, and serverless architectures.

- Learn how to provision, configure, and manage backend services in production environments.

- Discover strategies for high availability, fault tolerance, and disaster recovery.

Benefits for You

By investing in "Building Enterprise-Ready Backend Services," you will gain:

- A deep understanding of the principles and best practices of enterprise backend service design.

- The ability to create scalable and reliable systems that meet the demands of modern applications.

- Knowledge of data modeling techniques to ensure data integrity and performance.

- Expertise in API development, enabling you to create secure and user-friendly interfaces.

- Practical insights into deployment strategies that guarantee high availability and fault tolerance.

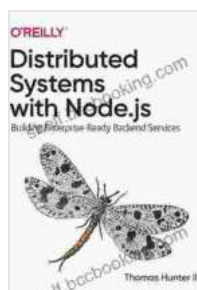**Who Should Read This Book**

This book is ideal for:

- Software architects and engineers looking to build robust and scalable backend services.

- System designers responsible for designing and implementing complex enterprise systems.

- Developers who want to enhance their skills in backend service development.

- Technical leaders and managers who need to understand the principles of enterprise-ready backend services.

Get Your Copy Today

Don't let your enterprise fall behind. Free Download your copy of "Building Enterprise-Ready Backend Services" today and unlock the secrets of designing, developing, and deploying systems that will drive your business to success.
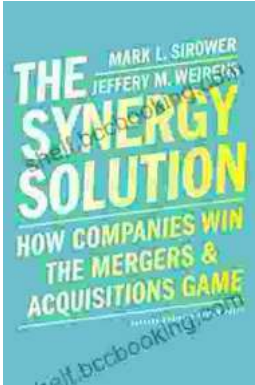
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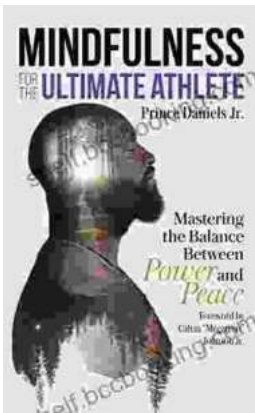
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