



Tworzenie Skalowalnych Aplikacji Webowych z Node.js i Express - Praktyczny Przewodnik po Rozwoju Wydajnych Aplikacji

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Building Scalable Web Apps with Node.js and Express: Design and Develop a Robust, Scalable, High-Performance Web Application Using Node.js, Express.js, TypeScript, and Redis (English Edition)

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Building Scalable Web Apps with Node.js and Express

Embark on a journey to become an expert in backend web development with this essential guide using Node.js v20, Express.js, Redis and TypeScript.

The book covers foundational to advanced topics through one comprehensive example: a project management system. It ensures learning and application of skills in API caching with Redis, API testing using Mocha and Chai, and deployment on AWS. This approach simplifies complex concepts and provides a practical learning trajectory.

With expert tips and best practices, you'll create user-friendly features like sign-ups and you'll learn how to make your apps faster with caching and add cool features like notifications. Finally, you'll ace testing and deploying your apps like an expert.

WHAT YOU WILL LEARN

- Explore TypeScript's power and versatility for developing backend using Node and Express.
- Learn effective strategies for planning and structuring your application to ensure scalability and maintainability.
- Dive deep into building REST APIs for user management, project handling, and task tracking.
- Explore the implementation of API caching to boost performance and efficiency.
- Develop a notification module to enrich user interaction and experience within your application.
- Master the art of thoroughly testing your APIs using industry-standard tools and methodologies.

WHO IS THIS BOOK FOR?

This book is tailored for software developers, programmers, and web developers eager to advance their skills in Node.js, TypeScript, and Express.js. Whether you're a seasoned developer looking to deepen your expertise or a tech enthusiast keen on exploring the latest trends in web development, this book provides the knowledge and tools to elevate your proficiency in the Node.js ecosystem.



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