

## Node.js Blueprints - Practical Projects to Help You Unlock the Full Potential of Node.js

Krasimir Tsonev



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#### **Key Features**

- Utilize libraries and frameworks to develop real-world applications using Node.js
- Explore Node.js compatibility with AngularJS, Socket.io, BackboneJS, EmberJS, and GruntJS
- Step-by-step tutorials that will help you to utilize the enormous capabilities of Node.js

#### **Book Description**

Node.js has emerged as a strong alternative to PHP, and has taken the world of web development by storm. Node.js is a platform that's used to build fast, scalable network applications using JavaScript as a server-side scripting language. Starting with an overview of the most popular programming paradigms, you will venture out on a journey to the depths of Node.js, utilizing its capabilities to conceptualize and develop applications using AngularJS, Socket.IO, Backbone.js, Ember.js, and Grunt.

Packed with real-world examples and trade secrets gained from years of experience in the web development domain,

this book takes you to the next level and teaches you everything you need to know to utilize the astronomical potential of Node.js. As a JavaScript platform, Node.js can also be used for desktop application development, which you will learn about in the final chapter of this book.

#### What You Will Learn

- Explore design patterns in Node.js
- Build solid architectures by following test-driven development
- Look beyond web applications and create your own desktop app with Node.js
- Develop single page applications using Node.js with AngularJS, Ember.js, and Backbone.js
- Master the Express framework and build a complete site with a real database
- Create a real-time and fully functional online chat application with Socket.IO
- Utilize the enormous range of Grunt and Gulp plugins

#### About the Author

**Krasimir Tsonev** is a coder with over 10 years of experience in web development. The author of Node.js Blueprints, Packt Publishing, he works with a strong focus on quality and usability. Krasimir is interested in delivering cutting-edge applications. He enjoys working in the software industry and has a passion for creating and discovering new and effective digital experiences.

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- 1. Common Programming Paradigms
- 2. Developing a Basic Site with Node.js and Express

- 3. Writing a Blog Application with Node.js and Angularjs
- 4. Developing a Chat with Socket.io
- 5. Creating a To-Do Application with Backbone.js
- 6. Using Node.js as a Command-Line Tool
- 7. Showing a Social Feed with Ember.js
- 8. Developing a Web App Workflow with Grunt and Gulp
- 9. Automate your Testing with Node.js
- 10. Writing Flexible and Modular CSS
- 11. Writing a REST API
- 12. Developing Desktop Apps with Node.js

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