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Learning Web App Development

BUILD QUICKLY WITH PROVEN JAVASCRIPT TECHNIQUES

Semmy Purewal

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Learning Web App Development

Grasp the fundamentals of web application development by building a simple database-backed app from scratch, using HTML, JavaScript, and other open source tools. Through hands-on tutorials, this practical guide shows inexperienced web app developers how to create a user interface, write a server, build client-server communication, and use a cloud-based service to deploy the application.

Each chapter includes practice problems, full examples, and mental models of the development workflow. Ideal for a college-level course, this book helps you get started with web app development by providing you with a solid grounding in the process.

“Thoughtfully written from a holistic perspective on building modern websites and web applications. An excellent introduction to the full range of modern web development technologies and workflow.”

—Valerie Scarlata

Instructor, Illinois Institute of Technology

- Set up a basic workflow with a text editor, version control system, and web browser
- Structure a user interface with HTML, and include styles with CSS
- Use jQuery and JavaScript to add interactivity to your application
- Link the client to the server with AJAX, JavaScript objects, and JSON
- Learn the basics of server-side programming with Node.js
- Store data outside your application with Redis and MongoDB
- Share your application by uploading it to the cloud with CloudFoundry
- Get basic tips for writing maintainable code on both the client and server

Semmy Purewal, Senior Software Engineer at Netflix, spent nearly a decade teaching computer science and working as a freelance JavaScript consultant. During that time, he worked with a diverse group of clients that included startups, nonprofit organizations, and research labs.

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Learning Web App Development

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by Semmy Purewal

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[LSI]

To my parents.

Thanks for all of your support and encouragement over the years!

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