NodeJS 2021, Part 3 of 6: Asynchronous Programming

Meet the expert: Providing Web development courses and digital marketing strategy courses since 2002. An experienced web application developer, having worked on multiple enterprise level applications, hundreds of websites, business solutions and many unique and innovative web applications. Web & application development areas of expertise include HTML, CSS, JavaScript, JQuery, Bootstrap, PHP and MySQL. Anything to do with web creation and digital experience. Passionate about ;everything to do with web application development, programming to online marketing with a strong focus on social media and SEO.

Prerequisites: Web Development experience
Coding Experience
Use of a Code Editor
JavaScript experience.

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Course description: NodeJS allows you to build complex and powerful application quickly and easily writing JavaScript code. In this course you will learn Asynchronous programming, calls and event loops, call stack output and Node events.

Course outline:

JavaScript Asynchronous programming
• Introduction
• JavaScript Asynchronous Programming
• Asynchronous Programming Overview
• Stack and Queue Examples
• JavaScript Callbacks
• Summary

Calls Event Loops Job Function
• Introduction
• Calls Event Loops Job Function
• Event Loop Example Recursive Function
• Job Queue Event Loop Function Execution
• Summary

Call Stack Output Order Examples
• Introduction
• Call Stack Output Order Examples
• JavaScript Promises
• Node Process Object Terminal Input Output
• Summary

Node Event EventEmitter
• Introduction
• Node Event EventEmitter
• Setup Node Events
• Summary