COURSE SYLLABUS

JavaScript Development Certificate

Become a JavaScript Developer with this immersive certificate program. Learn object-oriented programming (OOP), create APIs, and learn popular frameworks and libraries to build functional and responsive websites.

> Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://programwithus.com/certificates/javascript-development



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Course Outline

This package includes these courses

- JavaScript Programming Bootcamp (120 Hours)
- React Development Bootcamp (96 Hours)
- JavaScript Development with Node, Express, & MongoDB (96 Hours)
- Web Development Industry & Portfolio (24 Hours)

JavaScript Programming Bootcamp

- Fundamentals of JavaScript programming from the ground up
- Variables, Conditional Logic (if-else), Arrays, Objects, and Loops
- Modern ES6+ features, including Arrow Functions, let and const
- Functions, parameters-arguments, and return values
- Higher-Order Functions and Callbacks
- Array and String Methods
- Asynchronous JavaScript with Promises and async-await
- APIs (Application Programming Interfaces)
- Parsing and working with JSON (JavaScript Object Notation) data
- OOP (Object Oriented Programming) and Modules
- Coding Interview Challenge Prep
- Projects and Portfolio Development
- JS Libraries, including 3D in the browser with D3 and Three.js

React Development Bootcamp

Build dynamic web applications with React. In this bootcamp, you'll build several fully-functioning web apps.

JavaScript Development with Node, Express, & MongoDB

- Build and host your own web applications with Node
- Build APIs with Express
- Store, organize, and fetch data with MongoDB

Web Development Industry & Portfolio

- Portfolio creation
- Algorithm practice
- Interview preparation