COURSE SYLLABUS

JavaScript Development Certificate

Build web development skills with JavaScript. Study programming fundamentals, asynchronous code, APIs, and application development through hands-on projects.

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

Build a foundation in JavaScript programming. Work with variables, functions, arrays, objects, asynchronous code, APIs, and project development.

React Development Bootcamp

- The fundamentals of React functionality: components, props, and state
- The lifecycle of React Hooks: useEffect, useState, useContext, and more
- Understand one way data binding and reusability of React Components
- The use of Higher Order Component (HOC) in React
- Front end web security
- Deployment to the cloud with AWS and alternate stacks
- Understand the complete cycle of full stack web development using the MERN stack

JavaScript Development with Node, Express, & MongoDB

- Synchronous and Asynchronous JavaScript in Node.js
- The purpose of Node Package Manager (NPM)
- The fundamentals of starting an Express.js server
- The Integration of MongoDB (a NoSQL database)
- Authentication and server security

- API Development

Web Development Industry & Portfolio

Prepare a web development portfolio and practice technical interviews. Work on coding challenges, your resume, professional profiles, and networking.