

JavaScript Development Certificate

Learn how to build web apps with JavaScript, one of the most popular programming languages in the world. Develop in-demand skills, including creating dynamic web applications with React and Node.js, working with APIs, and incorporating third-party frameworks and libraries.

Group classes in NYC and onsite training is available for this course. For more information, email hello@nobledesktop.com or visit: <https://www.nobledesktop.com/certificates/javascript-development>



hello@nobledesktop.com • [\(212\) 226-4149](tel:(212)226-4149)

Course Outline

This package includes these courses

- JavaScript Programming Bootcamp (120 Hours)
- JavaScript Development with Node, Express, & MongoDB (120 Hours)
- React Development Bootcamp (72 Hours)
- Web Development Industry & Portfolio (24 Hours)

Attend the SQL Bootcamp for free as part of this certificate. Choose your date after you register for the program.

SQL Bootcamp

JavaScript Programming Bootcamp

- Fundamentals of JavaScript programming from the ground up
- Variables, Conditional Logic (if-else), Arrays, Objects, and Loops
- Newest ES6 and ES7 features, including Arrow Functions, let and const
- Functions, parameters-arguments, and return values
- Higher Level 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

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

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
- Understand the complete cycle of full stack web development using the MERN stack

Web Development Industry & Portfolio

- Create and polish a portfolio of projects
- Get practice with solving algorithms
- Prepare for interviews with mock questions