

# 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 in NYC and onsite training is available for this course. For more information, email [nyc@careercenters.com](mailto:nyc@careercenters.com) or visit: <https://www.careercenters.com/certificates/javascript-development>



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## Course Outline

This package includes these courses

- JavaScript Programming Fundamentals (18 Hours)
- React Development Bootcamp (60 Hours)
- JavaScript Development with Node.js (12 Hours)
- JavaScript Development with Express.js (12 Hours)
- NoSQL Databases with MongoDB (12 Hours)
- Web Development Industry & Portfolio (12 Hours)

### JavaScript Programming Fundamentals

- Fundamentals of JavaScript Code
- Advanced Functions (scope, closures)
- Asynchronous JavaScript (callback methodology)
- Features in the latest version of ECMA
- Modularity (import and export)

### React Development Bootcamp

- Learn how to write your own React code to build dynamic web and mobile applications
- Understand how to integrate APIs using Axios to build webhooks
- Create mobile applications and upload them to the iOS and Android app store

### JavaScript Development with Node.js

- The runtime environment of Node.js
- Creating a basic server to accept and respond to web traffic
- Programming with the Node file system to serve and manipulate static assets

- Creating listeners to respond to changes within your Node application
- Working with Node package manager

## **NoSQL Databases with MongoDB**

- How to setup MongoDB locally
- Working with MongoDB compass GUI
- Creating database schemas
- Creating documents
- Creating search algorithms

## **JavaScript Development with Express.js**

- Creating API routes
- Parsing and creating middleware
- Hosting Express.js routes on a Node server
- Analyzing the different types of routes (POST, GET, PUT, DELETE)

## **Web Development Industry & Portfolio**

- Portfolio creation
- Algorithm practice