

# Full-Stack Web Development Certificate

Become a full-stack web developer. This certificate program includes front-end development with HTML, CSS, and JavaScript, advanced layout techniques in Flexbox & Grid, and back-end development with Node, Express, React, and MongoDB.

Group classes in NYC and onsite training is available for this course. For more information, email [corporate@nobledesktop.com](mailto:corporate@nobledesktop.com) or visit: <https://www.careercenters.com/certificates/full-stack-web-development>



[nyc@careercenters.com](mailto:nyc@careercenters.com) • (212) 684-5151

## Course Outline

This package includes these courses

- Web Development with HTML & CSS (18 Hours)
- Advanced HTML & CSS (18 Hours)
- Flexbox, Grid, & Bootstrap (12 Hours)
- JavaScript for Front-End (18 Hours)
- Web Developer Tools: Git & Coding Tips (6 Hours)
- JavaScript Programming Bootcamp (18 Hours)
- React Development Bootcamp (60 Hours)
- JavaScript Development with Node, Express, & MongoDB (120 Hours)
- Web Development Industry & Portfolio (24 Hours)

## Web Development with HTML & CSS

- Build websites with HTML and CSS
- Create multi-page websites with text, images, and more
- Upload your files using FTP to deploy your site

## Advanced HTML & CSS

- Use media queries to create layouts that are responsive (optimized for all screen sizes such as phones, tablets, and desktops)
- Dive deeper into CSS3 selectors and properties for more sophisticated styling
- Learn best practices to write cleaner, optimized CSS code

## Flexbox, Grid, & Bootstrap

- Lay out and align webpage content with CSS Flexbox.
- Master CSS Grid and experience an entirely new way to think about laying out webpages.

- Learn how to use and skin Bootstrap (which uses Flexbox) to build out layouts quickly.

## JavaScript for Front-End

- Write your own JavaScript to add animation and interactive functionality to your webpages.
- Understand how to use freely available JavaScript frameworks, including the industry standard: jQuery.
- Create animated slideshows with transitions such as fades or slides.
- Build animated image enlargers, show/hide additional content, and more.

## Web Developer Tools: Git & Coding Tips

- What Git is and how it works
- How to track changes in your code using Git
- Work with other developers to merge your changes with theirs
- Installing and setting up Git
- Command line basics
- How to use Emmet, Sass (SCSS), and Sublime Text to code faster
- Use Sass variables to re-use CSS
- Navigate files faster using Sublime Text and Emmet.

## JavaScript Programming Bootcamp

Learn the essentials of JavaScript programming to start creating web applications. You'll learn variables, functions, data types, asynchronous JavaScript, and more.

## React Development Bootcamp

Build dynamic websites and applications with ReactJS and React Native. In this bootcamp, you'll develop several fully-functioning apps.

## 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

How do you navigate the waters of finding employment as a developer? Where do I start? What do I need to know? What does a typical day look like in the web development industry? Take this course to get your questions answered and build your portfolio.