

Full-Stack Web Development Certificate

Become a full-stack web developer. This New York State-licensed program includes front-end development with HTML, CSS, and JavaScript; advanced layout techniques in Flexbox & Grid; and back-end development with Node.js, Express.js, and MongoDB.

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



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Course Outline

This package includes these courses

- Web Development with HTML & CSS (18 Hours)
- Advanced HTML & CSS (18 Hours)
- Flexbox, Grid, & Bootstrap (12 Hours)
- Front-End Tools & Portfolio (18 Hours)
- JavaScript for Front-End (18 Hours)
- JavaScript Programming Bootcamp (120 Hours)
- JavaScript Development with Node, Express, & MongoDB (96 Hours)
- React Development Bootcamp (96 Hours)
- Web Development Industry & Portfolio (18 Hours)

Web Development with HTML & CSS

In this web development course, you'll learn how to develop websites with HTML and CSS, the languages used to create webpages.

Advanced HTML & CSS

Kick your CSS skills up a notch and learn how to code more complex layouts. In this CSS course, you'll master the positioning of elements (relative, absolute, fixed), create multi-column layouts, and learn about newer CSS3 transitions, transformations, and animations.

Flexbox, Grid, & Bootstrap

- CSS Flexbox for laying out and aligning webpage content.
- CSS Grid for an entirely new way to think about laying out entire webpages.

- Learn how to use Bootstrap (which is made with Flexbox) to build out layouts quickly.

Front-End Tools & Portfolio

- What Git is and how it works
- Installing and setting up Git to track changes in your code
- Using GitHub for collaboration with other developers
- Coding faster with Emmet and Visual Studio Code
- Start developing work for your portfolio with guidance from an expert developer

JavaScript for Front-End

Give your websites a jolt of functionality and interactivity with JavaScript & jQuery. Learn to hide and show elements, customize animations, validate forms, and much more.

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.

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
- Deployment to the cloud with AWS and alternate stacks
- Understand the complete cycle of full stack web development using the MERN stack

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.