

JavaScript Development

INSTRUCTOR-LED | 30 HOURS | ONSITE OR REMOTE

OVERVIEW

HTML and CSS are enough to be able to construct simple web pages, but to have more complex functionality -- for example, storing user data -- it's necessary to create a full application. In this training program, students get practice designing and building their own custom front-end applications and plugging those applications into 3rd-party APIs on the web.

DELIVERY OPTIONS

- Ten 3-hour sessions over 1 week or multiple weeks

OUTCOMES

- Design, build, test, and deploy a front-end web application from scratch

IDEAL FOR

- Aspiring developers looking to get their first real experience with web development.
- Technical product managers looking to create fully-functional MVP applications and further develop their tech vocabularies.
- Designers and marketers who want to be able to add greater levels of interactivity to their mockups and landing pages.

AGENDA

9 hrs

JavaScript Fundamentals

Learn the basics of JavaScript and object-oriented programming by working with JavaScript on the command line. Create a simple chat bot that responds to user input.

9 hrs

The Browser and APIs

Use JavaScript to add interactivity to web pages using the DOM and other browser APIs. Build an application that interacts with third-party JSON APIs from services like Twitter, Facebook and Instagram.

6 hrs

Persisting Data (and Other Advanced Topics)

Create an authenticated API using the Firebase platform and perform CRUD operations on it from a front-end app. Learn advanced JavaScript concepts like prototypal inheritance and closures.

6 hrs

Final Project

Design and create a single-page application of your choice. It can be a blog users can comment on, an app that allows users to search for social media posts, or even an application that logs users geolocations

