

React

INSTRUCTOR-LED | 30 HOURS | ONSITE OR REMOTE

OVERVIEW

React has been an explosive success, becoming one of the two most popular front-end frameworks (alongside Angular) in use today; some of its key strengths are its speed, its flexibility, and its simplicity. In this training, developers will learn the ins and outs of creating and deploying React applications.

DELIVERY OPTIONS

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

OUTCOMES

- Make React applications that incorporate custom components, UI routing, and can plug into a back-end API.

IDEAL FOR

- Current web developers with a strong command of JavaScript and front-end web development looking to add React to their repertoires.

PRE-REQUISITES

- Students must have prior JavaScript experience.

AGENDA

3 hrs

Intro to React

Learn the basic elements of building a React application, from core mechanics (e.g. the Virtual DOM) to creating nested components..

3 hrs

State

Explore how the idea of state is managed in a React application.

6 hrs

ES6 and Functional Components

Learn about some of the features of the latest version of JavaScript, ES6, and use them to create components more easily using functions.

6 hrs

Routing and APIs

Use UI routing to simulate a multi-page experience on the front-end, and connect your application to a back-end API.

6 hrs

React in Practice

Learn skills for React development in the real world, like deploying and debugging React applications.

6 hrs

Final Project and Presentation

Build a custom React application to demonstrate what you've learned, and present your work to the class.