



Welcome to Front-End Web Development with React

Full-Stack Web Development: The Big Picture

Setting up your Development Environment: Git and Node

Introduction to React

- ✓ **Reading:** Introduction to React: Objectives and Outcomes
10 min
- ✓ **Video:** Front-end JavaScript Frameworks and Libraries Overview
12 min
- ✓ **Video:** Introduction to React
8 min
- ✓ **Video:** Exercise (Video): Getting Started with React
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- ✓ **Reading:** Exercise (Instructions): Getting Started with React
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- ▶ **Video:** React App Overview
16 min
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- ▶ **Video:** Exercise (Video): Configuring your React Application
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- 📖 **Reading:** Exercise (Instructions): Configuring your React Application
10 min



Exercise (Instructions): Getting Started with React

Objectives and Outcomes

In this first React exercise, you will first install *create-react-app*, the command line tool for scaffolding React applications. You will then use the tool to scaffold out a basic React application. We will thereafter develop this application into a full-fledged React application in the process of doing the exercises in this course. At the end of this exercise you will be able to:

- Install *create-react-app*
- Scaffold out a basic React application

Installing Yarn

- Yarn is another package manager like NPM, but is better suited and faster to work with for React applications. So let us install yarn and use it for building our React applications.
- To install Yarn, you can find the instructions for your specific platform at <https://yarnpkg.com/en/docs/install>.
- If you choose not to install Yarn, you can continue to use npm in place of yarn without any problem.

Installing *create-react-app*

From the React documentation we learn that the *create-react-app* CLI makes it easy to create an application that already works, right out of the box. It already follows the best practices