Courses

Unit

Assignment Checklist

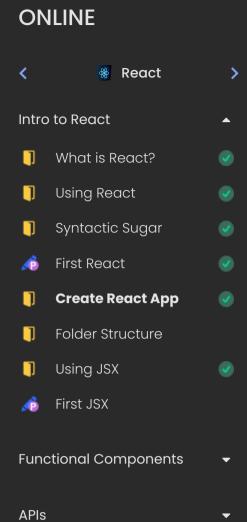








# MERN PART-TIME ONLINE



## Create React App

Modern JavaScript projects typically use bundlers to "build" source code into production-ready files. One of the most popular bundlers is called Webpack. Webpack is an amazing tool that allows us to break our apps down into smaller modules and transform them based on tools called loaders. It's a technology worth looking into, and you should spend some time working through the <u>Getting Started</u> tutorial.

However, Webpack is not the focus of this React workshop. Instead, We'll lean on the opinionated starter kit, which uses Webpack under the hood.

## create-react-app

Using this starter kit is as simple as running the following command in your terminal:

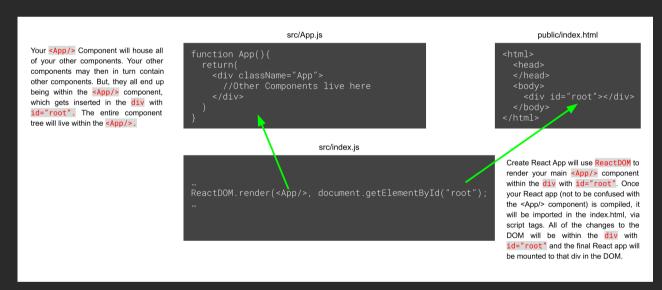
npx create-react-app your-project-name-here (NOTE: npx is not a typo! npx comes with npm version 5.2+ and higher)

Once the project is created, we can run into the newly-created project folder:

#### nom star

This will run the React development server and automatically open up a browser tab navigated to our app. This starter kit also comes with a live reload feature, which will reload our app whenever we save code changes.

How your React app will work:



### **Troubleshooting**

During this process, users may receive the following prompt:

\$ npx create-react-app my-new-app
Need to install the following packages:
 create-react-app@5.0.1
Ok to proceed? (y) n

Users can enter the option to process by typing **y**, or first install the create-react-app package globally to ensure the message does not appear going forward. To install the package globally, the following can be entered into the terminal:

npm install -g create-react-app

Now you can enter the previously provided npx line without the "Need to install the following packages" appearing.



# Additional resources

- <u>create-react-app</u>
- Webpack -- Getting started
- ES6 Modules
- Intro to source maps

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