



How a Designer Can Start React JS - Learn With Yudz Solutions

Overview:

ReactJS is an open-source JavaScript library. It is designed and maintained by Facebook and the community of individual developers & companies for creating rich and engaging web apps fast and efficiently with minimal coding. In this blog, we can see how a designer can start HTML development in the React project.

Create a New React App:

You can use one of the following methods to create a new app. (You will need to have Node 8.16.0 or Node 10.16.0 or later version on your local system)

To create a project called **my-react-demo**, run this command:

npx

```
npx create-react-app my-react-demo
```

yarn

```
yarn create react-app my-react-demo
```

npm

```
npm init react-app my-react-demo
```

Run a New React App:

Once the installation is done, you can open your project folder and you can use the following command to runs the app in development mode. It will open <http://localhost:3000> to view in your browser.

```
npm start
```

or

```
yarn start
```

What is Reactstrap?

Reactstrap is a react library that contains React Bootstrap 4 components that favor composition and control. This library does not depend on jQuery or Bootstrap javascript.

Using this library we can use a carousel, collapse, dropdown, modals, popovers, tab, etc. without using jQuery. These elements are basic elements of website design.

Reactstrap also provides advanced positioning of content like Tooltips, Popovers, and auto-flipping Dropdowns.

So now we will see how to add Reactstrap in our React project.

Add Reactstrap and Bootstrap:

We will install a reactstrap and Bootstrap from NPM. First, we will include Bootstrap CSS because Reactstrap also uses it. So we have to install Bootstrap CSS for that use following command:

```
npm install --save bootstrap
```

Or

```
yarn add bootstrap
```

To include Bootstrap CSS in our project write below code in src/index.js file.

```
import 'bootstrap/dist/css/bootstrap.min.css';
```

Now we will install reactstrap from NPM. For this use following command.

```
npm install --save reactstrap react react-dom
```

Or

```
yarn add reactstrap react react-dom
```

Now we can use any component from <https://reactstrap.github.io/components/alerts/>

Add Custom style in a project:

Create custom CSS file in your project src/assets/css/style.css

Now include this custom CSS “style.css” in src/index.js file after bootstrap CSS.

```
import '../src/assets/css/style.css'
```

```
src > JS index.js
You, 3 minutes ago | 1 author (You)
1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import './index.css';
4 import App from './App';
5 import * as serviceWorker from './serviceWorker';
6 import 'bootstrap/dist/css/bootstrap.min.css';
7 import '../src/assets/css/style.css'
8
```

We can also add fonts and images folder wise as per our requirements same as we add “style.css”

Add SCSS in React project:

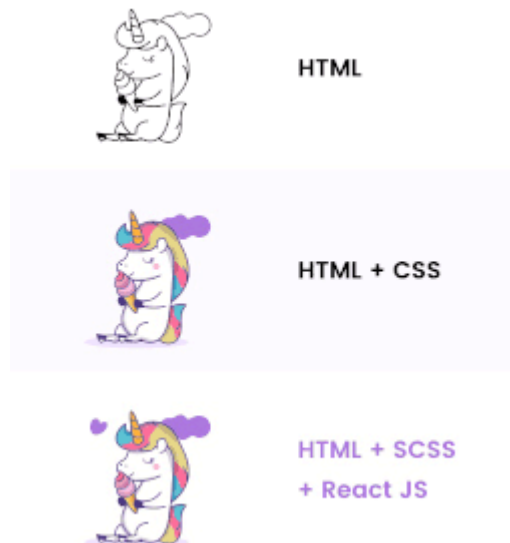
We can also use “style.scss” file. Create and include SCSS file the same as we added simple “style.css”.

But it will throw an error at compile-time, So to import Sass files, you first need to install node-sass. Run the following command inside your workspace.

```
npm install node-sass
```

Or

```
yarn add node-sass
```



Conclusion:

We hope that this blog might be useful to newcomers to react in setup and start the design phase in your project and If you have good hands-on SCSS than you can also use it. We will learn how to design a website component base with SCSS in our next blog. Also we provide creative web development with React JS at [Yudiz Solutions](https://yudiz.com). Contact us for make your website more creative & attractive to your users.