

How to build a login screen with React and Bootstrap

In this article, let's explore with TipsMake.com how to build a simple yet beautiful login screen using React and Bootstrap 5!

Most websites today require users to register to access certain features or special pages, but building a login screen is one of the most tedious tasks.

In this article, let's explore with TipsMake.com **how to build a simple yet beautiful login screen using React and Bootstrap 5 !**

Required

1. Basic knowledge of HTML, CSS, and Javascript.
2. Basic understanding of React.
3. Set up NodeJS on your computer.

Setting up a React app

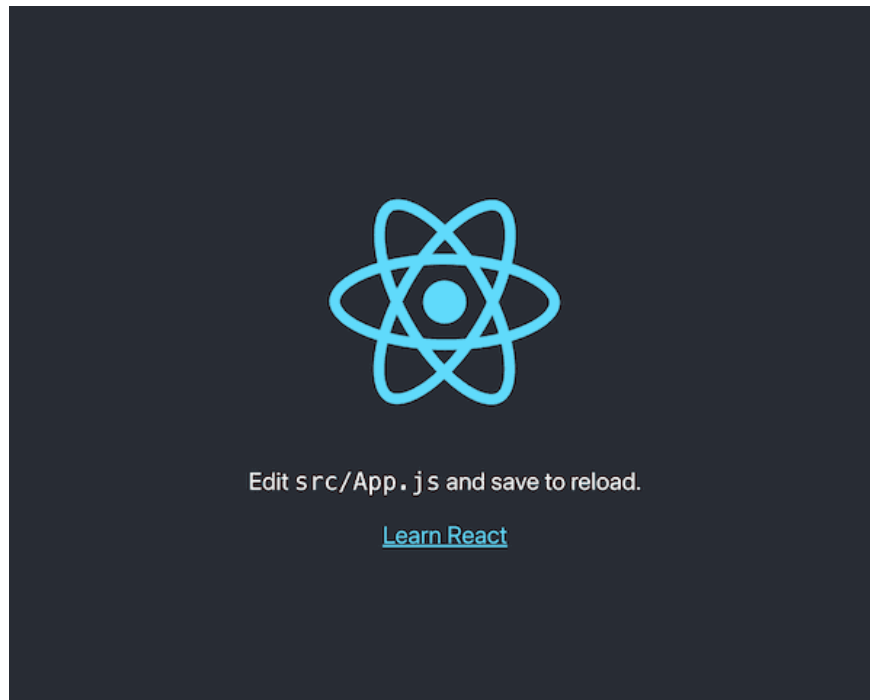
Run the following command to create a new React project:

```
npx create-react-app react-login
```

Open the project and launch the application:

```
cd react-login npm start
```

Once the build process is complete, the application will look like this:



Install Bootstrap

Install Bootstrap using npm:

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

Edit **App.js** and add an import command for Bootstrap:

```
import "bootstrap/dist/css/bootstrap.min.css"
```

Go ahead and delete the boilerplate code that your React app adds by default `App.js`. This file will look like this:

```
import "bootstrap/dist/css/bootstrap.min.css" import "./App.css" function App()
```

Establish a roadmap

First, you need to create a new `Auth` element in `Auth.js`. We will be working on the `Auth` element needed to set up the route.

```
import React from "react" export default function (props) { return Auth Screen }
```

In a real-world application, you would navigate the user to the login screen if they haven't already. This is where the navigation comes in; run the following command to install `react-router-dom`, and restart the React app after the installation is complete.

```
npm install --save react-router-dom
```

Edit the file `App.js` to set up the login route and default settings. Below is the login interface on the route `/auth`.

```
import "bootstrap/dist/css/bootstrap.min.css" import "../App.css" import { Browser
```

Create a login form

Edit `Auth.js` the initial creation:

```
import React from "react" export default function (props) { return (
```

Sign In

Email address Password

Forgot password?

```
) }
```

Edit `App.css` to include:

```
.App { background-color: white; } .Auth-form-container { display: flex; justify-content: center; align-items: center; width: 100%; height: 100%; }
```

If you open the route `/auth`, you will see the following form:

Sign In

Email address

Password

Forgot [password?](#)

Add a registration form

Typically, programmers want users to register if they don't already have an account. (Edit element Auth.js:)

```
import React, { useState } from "react" export default function (props) { let [a
```

Sign In

```
Not registered yet?{" "} Sign Up Email address Password 
```

Forgot password?

```
) } return (
```

Sign In

```
Already registered?{" "} Sign In Full Name Email address Password 
```

Forgot password?

```
) }
```

Used `useState` to switch between login and registration. Now when you access `[website] /auth`, you can switch between login and registration.

Sign In

Not registered yet? [Sign Up](#)

Email address

Password

Forgot [password?](#)

Sign Up

Already registered? [Sign In](#)

Full Name

Email address

Password

Submit

[Forgot password?](#)

Above is **how to create a login/registration UI using React with Bootstrap** . I hope this article is helpful to you.

You finished reading the article "**How to build a login screen with React and Bootstrap**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.