

Full Stack Web Development

CSS Framework

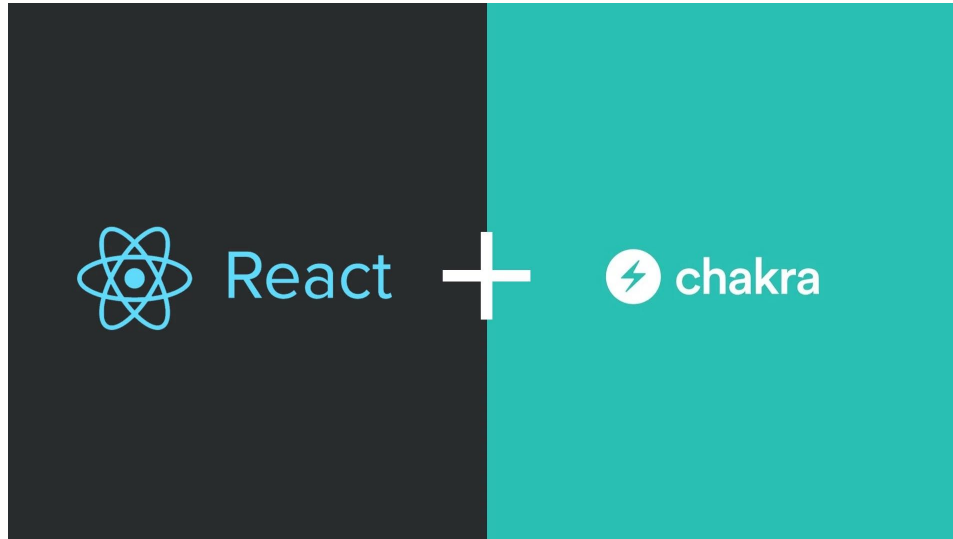
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CSS Framework

CSS frameworks are tools used by UI developers to make their work easier. Instead of having to manually style every time a new project comes up; frameworks give developers the convenience of quickly setting up user interfaces that can be changed and repeated across projects instead of wasting time starting from a blank document.



CSS Framework we are going to discuss is Chakra UI. Chakra UI is a simple, modular and accessible component library that gives you the building blocks you need to build your React applications.



Inside your CRA project directory, install Chakra UI by running either of the following:

```
npm i @chakra-ui/react @emotion/react@^11 @emotion/styled@^11 framer-motion@^6
```

Provider Setup

After installing Chakra UI, you need to set up the ChakraProvider at the root of your application. This can be either in your index.jsx or index.tsx

Put in the following code:

```
import * as React from "react";

// 1. import `ChakraProvider` component
import { ChakraProvider } from "@chakra-ui/react";

function App() {
  // 2. Wrap ChakraProvider at the root of your app
  return (
    <ChakraProvider>
      <App />
    </ChakraProvider>
  );
}
```

Provider Setup

ChakraProvider Props:

Name	Type	Default	Description
resetCSS	boolean	true	automatically includes <code><CSSReset /></code>
theme	Theme	@chakra-ui/theme	optional custom theme
colorModeManager	StorageManager	localStorageManager	manager to persist a users color mode preference in
portalZIndex	number	undefined	common z-index to use for <code>Portal</code>

Usage

For example we want to use button component from Chakra UI, first import the button component like this:

```
import { Button, ButtonGroup } from "@chakra-ui/react";
```

Then use it in our component like this:

```
<Button colorScheme="lightblue">Button</Button>
```



Thank You!

Reference:

1. <https://chakra-ui.com/>

