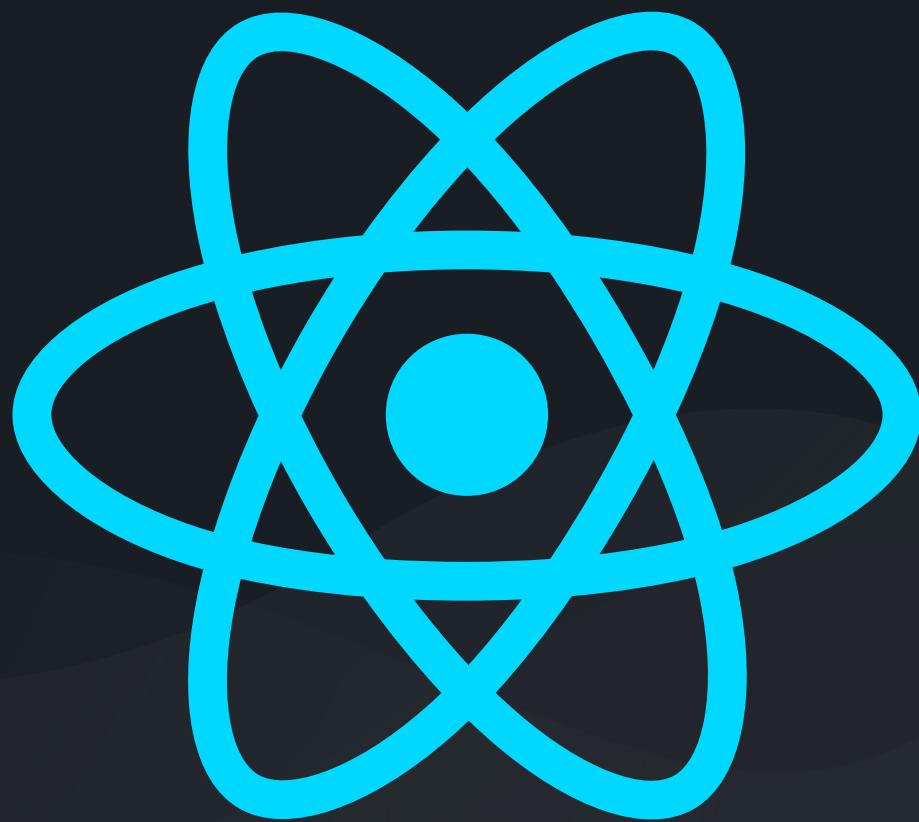


CSS Styling React App

In Detail



Mallikarjun | @CodeBustler



Styling React JS

In React.js, there are **several ways** to apply styling to components.

Here are some common approaches:

- Inline Styles
- CSS Modules
- CSS-in-JS Libraries
- External CSS Files
- CSS Preprocessors



✓ Inline CSS

You can **apply inline styles** directly to JSX elements using the style attribute.

The style attribute takes a JavaScript object with camel-cased CSS property-value pairs.

```
const styles = {  
  color: "red",  
  fontSize: "16px"  
};
```

```
<div style={styles}>Hello World</div>;
```



CSS Modules

CSS Modules allow you to write **CSS stylesheets** and **import** them as JavaScript modules.

CSS class names are scoped locally to the component, preventing style conflicts. You can **import** the CSS file and use the defined class names in your JSX code

```
import styles from "./styles.module.css";  
  
<div className={styles.container}>Hello</div>;
```



CSS-in-JS Libraries

CSS-in-JS libraries are a popular approach for styling in React.js that allows you to write CSS directly in your JavaScript code. **such as styled-components, emotion, etc..**

```
import styled from "styled-components";

const StyledDiv = styled.div`
  color: red;
  font-size: 16px;
`;

<StyledDiv>Hello World</StyledDiv>;
```

✓ External CSS Files

You can also **use traditional** external CSS files and import them into your components.

In this case, you **import the CSS file** and add the corresponding class names to your JSX elements. The styles defined in the external CSS file will be applied **globally**

```
import './styles.css';  
  
<div className="container">Hello World</div>;
```



CSS Preprocessors

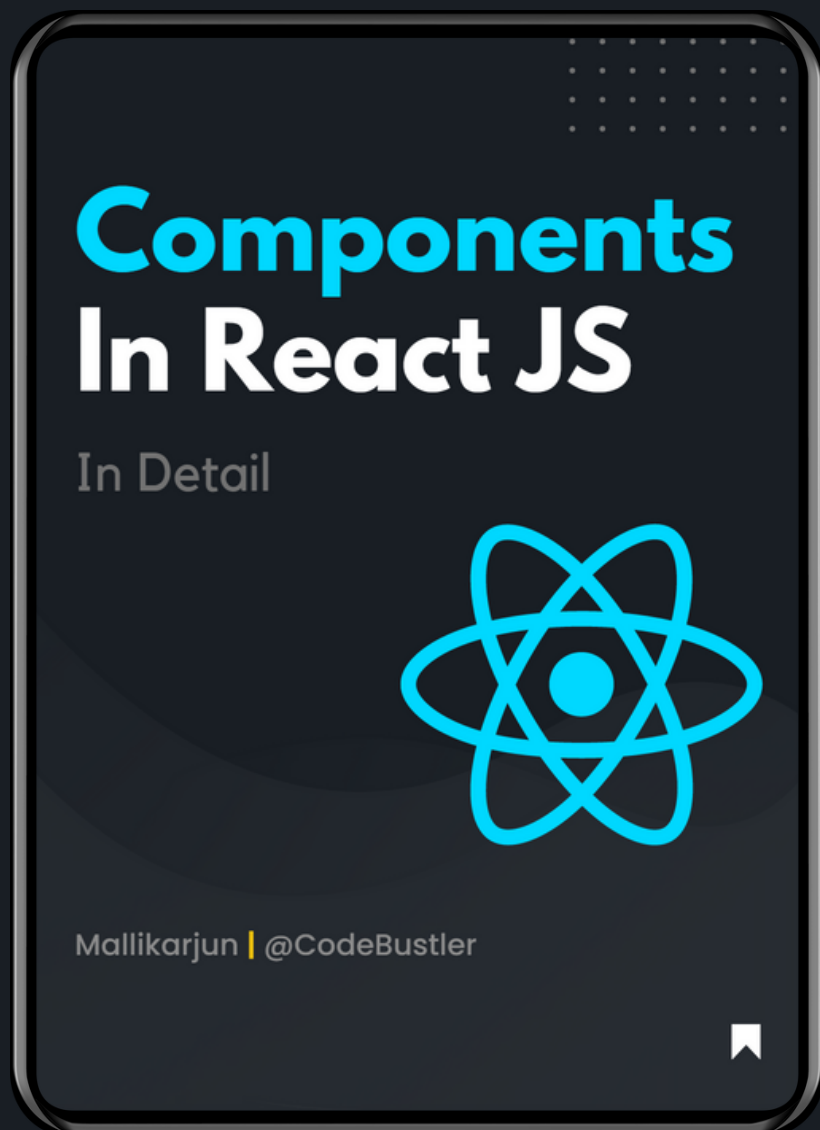
React supports the use of CSS preprocessors like **Sass, Less, or Stylus**. You can write your styles using the preprocessor syntax and compile them into regular CSS that can be imported and used in your React components.

The Sass logo, featuring the word "Sass" in a pink, cursive script font.

The Less logo, featuring the word "less" in a blue, sans-serif font, enclosed within curly braces "{less}".



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