1. **Route Matching**: The **<Switch>** component is used to define a set of routes, each associated with a specific URL path and a corresponding component to render when that path is matched. It ensures that only the first matching route is rendered. This is important because without **<Switch>**, multiple routes could potentially match a single URL, and all of them would be rendered simultaneously. With **<Switch>**, only one route, the first one that matches, will be rendered.
2. **Exclusive Routing**: **<Switch>** helps create exclusive routing behavior. When a user navigates to a specific URL, the first matching route inside the **<Switch>** is displayed, and subsequent routes are not considered. This is particularly useful for creating clean and predictable navigation in your React application. It's common to place the most specific routes (e.g., with unique paths) at the top of the **<Switch>** and more general routes (e.g., a catch-all route like **"/"**) at the bottom.

switch

Of course! Here are those two points explained in simpler terms:

1. \*\*Dynamic Code Splitting\*\*:

Imagine your app is like a big book.

React.lazy lets you tear the book into smaller chapters.

It loads only the chapters you need, not the whole book.

This makes your app load faster when you open it because it doesn't have to carry the entire book all at once.

2. \*\*Error Handling and Fallbacks\*\*: Think of Suspense as a way to keep your app looking nice while it's working.

If a part of your app is taking a bit longer to load, you can show a friendly "Loading..." message to users instead of a blank screen.

And if something goes wrong during loading, you can show a helpful error message instead of crashing the whole app.

It's like making sure your website always stays polite and helpful to users.

Toast Provider.jsx

**ToasterProvider** component with the **<Toaster />** from **react-hot-toast** allows you to easily implement and manage pop-up notifications or toasts in your React application, enhancing the user experience by providing timely and informative messages.

Data.js –finished

component

Partical.js

* This line imports the **Particles** component from the **react-particles-js** library. This component is used to create a particle animation effect on a web page.

jsx

footer.js

In React, typography refers to the styling and presentation of text on a web page. It encompasses various aspects of text formatting, including font choices, font sizes, line spacing, text alignment, and more. Typography is essential for creating visually appealing and readable user interfaces.

To manage typography in a React application, you can use libraries like Material-UI or Typography.js.

Hero

Index.js(Home Page)

Profile(image)

Name:red

Skill:green

Type using name showing

Loading(Component)

Each component click color ring show like loading using color ring.

Navbar(component)