**React Learning Journal - Day 12**

Date: [8th Feb 2024]

1. React Context API:

- Explored the React Context API for efficient global state management.

- discovered to create context providers and consumers to share state across components.

2. Higher-Order Components (HOCs):

- Dive into Higher-Order Components (HOCs) to reuse component logic and enhance functionalities.

- Created and implement HOCs for encapsulating common behavior across different components.

3. Error Boundary in React:

- Understand the concept of error boundaries in React for graceful error handling.

- Implemented error boundaries to catch and manage errors within specific parts of your component tree.

4. React Portals:

- Explored React Portals to render components outside their parent hierarchy in the DOM.

- covered how to use portals for scenarios like modals, tooltips, or other UI elements that need to break out of the normal component flow.