**React Learning Journal - Day 15**

Date: [14th Feb 2024]

1. Advanced React Hooks:

- Delved into advanced React hooks such as `useMemo`, `useCallback`, and `useEffect` optimizations for better performance and cleaner code.

- Explored use cases where these hooks can significantly improve the efficiency of React components.

2. Context API in React:

- Explored the Context API as a mechanism for passing data through the component tree without prop drilling.

- Implemented context providers and consumers to manage and share state across components.

3. Testing React Applications:

- Started the journey into testing React applications.

- Covered the basics of unit testing with tools like Jest and Enzyme, focusing on testing components, state, and interactions.