

Day 4 – June 23, 2025

Topic: Introduction to React.js

Introduction

Today, I learned React.js, a popular front-end library that uses component-based architecture.

React Components

- Created functional components.
- Used JSX to write HTML in JavaScript.
- Learned props and state basics.

Example

```
function Welcome(props) {  
  return <h1>Hello, {props.name}</h1>;  
}
```

Challenges Faced

- JSX syntax errors and understanding props vs state.

Key Learnings

- React components are reusable and modular.
- Props allow passing data; state manages component data.

Conclusion / Reflection

React is powerful for building dynamic web apps. I need to explore hooks next.
