

ReactJS is only this much.

1.Components

- Functional Components
- Class Components
- JSX (JavaScript XML) Syntax

2.Props (Properties)

- Passing Props
- Default Props
- Prop Types

3.State

- useState Hook
- Class Component State
- Immutable State

4.Lifecycle Methods (Class Components)

- componentDidMount
- componentDidUpdate
- componentWillUnmount

5.Hooks (Functional Components)

- useState
- useEffect
- useContext
- useReducer
- useCallback
- useMemo
- useRef
- useImperativeHandle
- useLayoutEffect

6.Event Handling

- Handling Events in Functional Components
- Handling Events in Class Components

7.Conditional Rendering

- if Statements
- Ternary Operators
- Logical && Operator

8.Lists and Keys

- Rendering Lists
- Keys in React Lists

9.Component Composition

- Reusing Components
- Children Props
- Composition vs Inheritance

10.Higher-Order Components (HOC)

- Creating HOCs
- Using HOCs for Reusability

11.Render Props

- Using Render Props Pattern

12.React Router

- <BrowserRouter>
- <Route>
- <Link>
- <Switch>
- Route Parameters

13.Navigation

- useHistory Hook
- useLocation Hook

State Management

14.Context API

- Creating Context
- useContext Hook

15.Redux

- Actions
- Reducers
- Store
- connect Function (React-Redux)

16.Forms

- Handling Form Data
- Controlled Components
- Uncontrolled Components

17.Side Effects

- useEffect for Data Fetching
- useEffect Cleanup

18.AJAX Requests

- Fetch API
- Axios Library

Error Handling

19.Error Boundaries

- componentDidCatch (Class Components)
- ErrorBoundary Component (Functional Components)

20.Testing

- Jest Testing Framework
- React Testing Library

21. Best Practices

- Code Splitting
- PureComponent and React.memo
- Avoiding Reconciliation
- Keys for Dynamic Lists

22.Optimization

- Memoization
- Profiling and Performance Monitoring

23. Build and Deployment

- Create React App (CRA)
- Production Builds
- Deployment Strategies

Frameworks and Libraries

24. Styling Libraries

- Styled-components
- CSS Modules

25. State Management Libraries

- Redux
- MobX

26. Routing Libraries

- React Router
- Reach Router

Best resources to learn react fast

1.Documentation

- Official Updated React Documentation

<https://react.dev>

- MDN Web Docs

<https://shorturl.at/tCL69>

2. YouTube Channel's

- Traversy Media: <https://youtube.com/c/TraversyMedia>
- The Net Ninja: <https://youtube.com/c/TheNetNinja>
- FreeCodeCamp: <https://youtube.com/c/FreeCodeCamp>
- Academind: <https://youtube.com/c/Academind>

3. Books

- React: Up & Running - by Stoyan Stefanov

<http://t.ly/lpeQU>

- React.js Essentials: A fast-paced journey

<http://t.ly/mqPmc>

4. Course with certification

<http://t.ly/76Vhg>