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
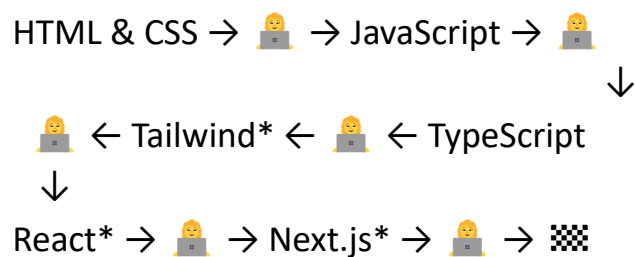
Frameworks and Libraries

24.Styling Libraries

- Styled-Components
- CSS Modules
- Material-UI
- React-Bootstrap

25.State Management Libraries

- Redux
- MobX

26.Routing Libraries

- React Router
- Reach Router

HTML & CSS → 👩‍💻 → JavaScript → 👩‍💻

↓

👩‍💻 ← Tailwind* ← 👩‍💻 ← TypeScript

↓

React* → 👩‍💻 → Next.js* → 👩‍💻 → 🏁

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/IpeQU

- React.js Essentials: A fast-paced journey

  http://t.ly/mqPmc

4. Course with certification

  http://t.ly/76Vhg

Things to do.

1. Fetch data from server

   - useEffect using fetch api

   - axios

2. Upload images in server

   - Express-upload

   - Multer

3. React-router

   - API loader

4. JWT token

5. CSS Grid, Flexbox, Media Queries

6. E-Commerce Website

7. Stocks analysis

8. Laptop & Mobile RD