

## React Syllabus

1. Basics of Javascript and ECMAScript
2. Introduction to React
3. Role of NodeJs and NPM in React
4. Introduction and Implementation of Technologies in Front End Development
5. Installation and Benefits of VS Code
6. Installation of React plugins in IDE
7. Installation of Node, and NPM
8. Installation of React
9. Data-flow in React
10. How to create NPM package for React
11. React Component : use and benefits
12. How to render view in React
13. Different Methods to Render view and Components
14. Es6 with React
15. JSX
  - a. What is JSX
  - b. Why JSX
  - c. Rules of JSX implementation
  - d. Components with and without JSX
16. React Props and State
17. React Prop in practice
18. React State in practice
19. React Developer Tool
20. Event Handling
21. More about React State: Counter App
22. Handling Lists
23. Handling User Input
24. Styling Your Component
25. Basics of React Interview Questions

- 26. Introduction of Bootstrap
- 27. Installation of Bootstrap
- 28. How to implement theme in react
- 29. How to create layout based structure in React
- 30. One Project based on React Js
- 31. Lifecycle methods
- 32. Hooks
  - a. Introducing Hooks
  - b. Using the State Hook
  - c. Using the Effect Hook
  - d. Rules of Hooks
  - e. Building Your Own Hooks
  - f. Hooks API Reference
- 33. Fetching data
- 34. Example app
- 35. Diving deeper interview questions