

6 Months ReactJS Training Course Content

Top Level Content

- JavaScript – Basics and In-depth
- React – Basics and In-depth
- Node – Basics
- React with Node

JavaScript

- Basics of JavaScript.
- JavaScript in depth.
- Creating classes
- Creating private/public/global fields
- Creating private/public/global functions
- Dynamic rendering with JavaScript
- Events

React

- Introduction to React
- Original DOM vs Virtual DOM
- React Components
- React Components with JSX
- React Components with ES6
- Props and state

Node

- Basics of Node and Installation.
- Introduction to Npm
- Adding and removing modules

React with Node

- Creating an application using Create React App.
- Life Cycle
- Debugging
- Default values
- SetState in depth
- Creating Forms
- Creating Table
- Handling Events
- Applying Filters
- JSX in depth
- Validations
- Applying Styles
- Backend calls
- Stateful Components
- Stateless Components
- Local Storage
- Routing
 - Basic Routing and Passing Params
 - Hyperlinks
- Master Pages
- Reconciliation
- Creating Reusable Components
- React.Component vs React.pure Component
- Composition vs Inheritance
- Code Reusability and Optimization
- Fragments
- Bundling
- Deploying



Integration of 3rd party Modules

- Google Maps
- Bootstrap Controls
- Material UI
- Toast Messages for notifications

Others

- Other Debugging Options
- Developer Tools
- Current Applications developed in React
- Future of React.
- Introduction to Starter Kits
- Integration with other libraries

