

Topics Covered in ReactJS Training

❖ Introduction :-

- Audience
- Pre-requisites
- About React
- Features
- Advantages
- Limitations

❖ Environment Setup :-

- Create of Root Folder
- Install Global Packages
- Add Dependencies and Plugins
- Create the Files
- Set Compiler, Server and Loaders
- Index.html
- App.jsx and Main.js
- Running the Server

❖ JSX :-

- What is JSX
- Using JSX
- Nested Elements
- Attributes
- JavaScript Expressions
- Styling
- Components
- Naming Convention

❖ Components :-

- Stateless
- Stateful

❖ State :-

- What is State?
- Props



❖ **Props Overview :-**

- Using Props
- Default Props
- State and Props

❖ **Props Validation :-**

- Validating Props

❖ **Component API :-**

- Set State
- Force Update
- Find DOM Node

❖ **Component Life Cycle :-**

- Lifecycle Methods

❖ **Forms :-**

- Simple
- Complex

❖ **Events :-**

- Simple
- Child

❖ **Refs :-**

- What is Refs
- Using Refs

❖ **Keys :-**

- What is Keys
- Using Keys

❖ **Router :-**

- Install a React Router
- Add a Router
- Create Components

❖ **Flux Concept :-**

- What is Flux
- Flux Elements
- Flux Props

❖ **Using Flux :-**

- Install Redux





- Creating Components
- Working with States
- Composing Components
- Actions
- Event Handlers
- Reducers
- Store
- Root Component
- Other Components
- Unit Testing – Tools, React, Redux

❖ **Animations :-**

- Install React CSS Transitions Group
- Add a CSS File
- Appear Animation
- Enter and Leave Animations

❖ **Higher Order Components :-**

- What is Higher Order Components?

