



ReactJS

- **Typescript**
 - ◆ Why Typescript
 - ◆ Basic Types
 - ◆ Class and Interfaces
 - ◆ Modules
- **INTRODUCTION TO REACTJS**
 - ◆ What is ReactJS?
 - ◆ What is SPA?
 - ◆ DOM vs Virtual DOM
 - ◆ Advantages & Disadvantages
 - ◆ Key Features
- **ENVIRONMENTAL SETUP**
 - ◆ Node | NPM
 - ◆ Installation of CLI
 - ◆ Setup Project
 - ◆ Directory Structure
 - ◆ Code Editors
 - ◆ How ReactJS Application Boot
- **BASIC FEATURES OF REACTJS**
 - ◆ React Concepts
 - ◆ JSX and TSX
 - ◆ Render Elements
 - ◆ Function and Class Components
 - ◆ Props and State
- **Handling Events**
 - ◆ Dynamic Data Rendering
 - ◆ Property Binding
- **KEY FEATURES OF REACTJS**
 - ◆ Conditional Rendering
 - ◆ List and Keys
 - ◆ Forms Handling
 - ◆ Forms Validations
- **COMPONENT LIFE CYCLE HOOK**
 - ◆ Understanding component life cycle
 - ◆ All Life cycle Hooks

- **EVENT HANDLING REACT**
 - ◆ Understanding React Event System
 - ◆ Passing arguments to event Handlers
- **NETWORK CALL**
 - ◆ Fetch
 - ◆ Axios
- **CUSTOM SERVICES**
 - ◆ Introduction to Services
 - ◆ Building a Service
- **LOCAL DATA STORAGE**
 - ◆ Local Storage
 - ◆ Session Storage
 - ◆ Cookies
- **ROUTING WITH REACT ROUTER**
 - ◆ Setting up React Router
 - ◆ Configuring route with Route Component
 - ◆ Making routes dynamic with Route Params
 - ◆ Working with nested routes
 - ◆ Link and NavLink
 - ◆ Redirect Routes
- **UI COMPONENTS**
 - ◆ Material Design
 - ◆ PrimeNG
- **INTRODUCTION TO REDUX**
 - ◆ Why Redux
 - ◆ Install and setup
 - ◆ Store
 - ◆ Reducer
 - ◆ actions
 - ◆ Dispatcher
 - ◆ High order Components
 - ◆ map State To Props and map Dispatch To Props usage
- **ADVANCE REDUX**
 - ◆ Async Actions
 - ◆ Middleware
 - ◆ Redux Thunk and Redux Saga
- **REACT HOOKS**
 - ◆ Why We Need HOOKS.
 - ◆ Different Types Of Hooks
 - ◆ Using State And Effect Hooks
 - ◆ Usereducer , Usereref Etc.
 - ◆ Custom Hooks
 - ◆ Rules Of Hooks
- **THIRD PARTY MODULES**
 - ◆ Social Login
 - ◆ Pagination

- ◆ Search
- ◆ Filter
- ◆ JWT Token
- ◆ File Upload
- ◆ Many More
- **REACTJS TESTING**
 - ◆ Jest with Enzyme
- **Develop a CRUD Application in REACTJS**
- **REACTJS Application Deployment**
 - ◆ Build Application and Deployment

