



ALTALUNE TECHNOLOGY

REACT JS

JAVASCRIPT (ES-5 and ES-6)

- Basic JavaScript
- DOM and BOM
- Intervals and Objects
- Prototype ,Hoisting and Closure
- Let , Const , Arrow , Class and Inheritance
- Map, Filter , Reduce , Template Literals
- forEach, for-in, for-of loop.

TYPESCRIPT

- Why Typescript
- Basic Types
- Class and Interfaces
- Modules

INTRODUCTION TO REACT JS

- What is React JS?
- What is SPA?
- DOM vs Virtual DOM
- Advantages and Disadvantages
- Key Features

ENVIRONMENTAL SETUP

- Node | NPM
- Installation of CLI
- Setup Project
- Directory Structure
- Code Editors
- How React JS Application Boot

BASIC FEATURES OF REACT JS

- React Concepts
- JSX and TSX
- Render Elements
- Function and Class Components
- Props and State
- Handling Events
- Dynamic Data Rendering
- Property Binding

KEY FEATURES OF REACT JS

- Conditional Rendering
- List and Keys



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- Forms Handling
- Forms Validations

COMPONENT LIFECYCLE HOOK

- Understanding component lifecycle
- All Lifecycle 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
- mapStateToProps and mapDispatchToProps usage

ADVANCE REDUX

- Async Actions
- Middleware
- Redux Thunk and Redux Saga



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REACT HOOKS

- Why We Need Hooks.
- Different Types Of Hooks
- Using State And Effect Hooks
- Usereducer , Userref Etc.
- Custom Hooks
- Rules Of Hooks

THIRD PARTY MODULES

- Social Login
- Pagination
- Search
- Filter
- JWT Token
- File Upload
- Many More

REST JS TESTING

- Jest with Enzyme

DEVELOP A CRUD APPLICATION IN REACT JS REACT JS APPLICATION DEPLOYMENT

- Build Application and Deployment



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