React JS

(Module-8)

Working With Forms

- Controlled Components.
- Uncontrolled Components.
- Understand The Significance To Default Value Prop.
- Using React Ref Prop To Get Access To DOM Element.

(Module-9)

Context

- What Is Context
- When To Use Context

- Create Context
- Context.Provider
- Context.Consumer
- Reading Context In Class

(Module-10)

Code-Splitting

- What Is Code Splitting
- Why Do You Need Code Splitting
- React.Lazy
- Suspense
- Route-Based Code Splitting

React JS

(Module-1)

Introduction To React

- What Is React?
- Why React?
- React Version History
- React 16 Vs React 15
- Just React – Hello World
- Using Create-React-App
- Anatomy Of React Project
- Running The App
- Debugging First React App

(Module-2)

Templating Using JSX

- Working With React. CreateElement
- Expressions
- Using Logical Operators
- Specifying Attributes
- Specifying Children
- Fragments

(Module-3)

- Significance Of Component Architecture
- Types Of Components
- Functional
- Class Based
- Pure
- Component Composition

React JS

(Module-4)

Working With State And Props

- What Is State And It Significance
- Read State And Set State
- Passing Data To Component Using Props
- Validating Props Using PropTypes
- Supplying Default Values To Props Using DefaultProps

(Module-5)

Rendering Lists

- What Is State And It Significance
- Read State And Set State

(Module-6)

Event Handling In React

- Understanding React Event System
- Understanding Synthetic Event
- Passing Arguments To Event Handlers

(Module-7)

Understanding Component Lifecycle And Handling Errors

- Understand The Lifecycle Methods
- Handle Errors Using Error Boundaries

React JS

(Module-10)

React Hooks

- What Are Hooks
- Why Do You Need Hooks
- Different Types Of Hooks
- Using State And Effect Hooks
- Rules Of Hooks

(Module-5)

Routing With React Router

- Setting Up React Router.
- Understand Routing In Single Page Applications.

- Working With BrowserRouter And HashRouter Components
- Configuring Route With Route Component
- Using Switch Component To Define Routing Rules
- Making Routes Dynamic Using Route Params
- Working With Nested Routes
- Navigating To Pages Using Link And NavLink Component
- Redirect Routes Using Redirect Component
- Using Prompt Component To Get Consent Of User For Navigation
- Path Less Route To Handle Failed Matches