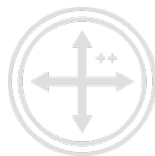


React JS

30 Hours

(Basic + Intermediate)

Programming & Development



POSITIVE QUADRANT
TECHNOLOGIES
SERVING INFORMATION WORLDWIDE

Pre-requisite / Target Audience:

- Basic Knowledge of JavaScript and OOPS
- Knowledge in async programming will be added advantage

Java Script :

- Introduction to JavaScript
- JavaScript Statements
- JavaScript Keywords
- JavaScript Functions
- JavaScript Programs
- JavaScript Operators
- Function Parameters
- Function Return Values
- JavaScript Data Types
- Primitive Types



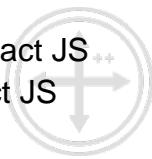
Java Script & Objects:

- Object Overview
- Object Oriented Programming
- Object creation
- Adding Properties to Objects
- Adding Methods to Objects
- JavaScript Conditional Statements
- JavaScript Loops & Iteration
- Enumerating properties
- Call-backs
- JSON

Introduction to React

In this module, You will learn about the introduction of react Js, Advantages and Limitation of react is. You can understand how to setup the react js environment using ASP.NET MVC.

- What is React JS
- Advantages of React JS
- Limitation of React JS
- Installation



JSX

In this Module, You will learn about the Jsx syntax,Jsx Parser,Comments in jsx and naming Conventions in jsx.

- Overview of JSX
- Rendering an Element into the DOM
- Naming Conventions

Components

In this module, You will learn about the What is Components,Props and state

- Overview of Components
- Props
- State

Components Life cycle



In this module, You will learn about the Life Cycle of component and reusing of Component.

- Life Cycle methods
- Reusable Components

Forms

In this module, You will learn about submitting the form data to sever using react component and updating state.

- Creating a form app.jsx
- Creation of main.js
- Debugging the app using react.js

Events

In this module, You will learn about the Call back events.

- Using onClick in app.
- Using event to call trigger updateState function in app.

API Calls

In this module, You will learn about the calling the services using react and Rendering the element into DOM.

- Using WebApi

Using Flux

In this Module,you will learn about the Flux pattern, Limitations of Flux and Flux Elements.

- Overview of Flux
- Flux Elements
- Limitations of Flux
- Advantages of Flux



Project:

Real-time Project involving most of the above concepts with following will be provided

- Product Abstract Document
- Requirement Specification Document
- Step-by-Step procedure for building the project from ground up
- Complete Source Code
- Database Script with Sample data
- Instructions to Setup the Project on a Development
- Instruction to Deploy the project on Production

