ReactJS Course Content – Duration 3 Days

Module 1 - Tools and Language

ES2015 (ES6)

- New in ES6
- Classes
- Let and const
- Arrow functions
- Enhanced Object Literals
- Constructor
- Inheritance
- Interface
- Spread Operator

NPM

- What is NPM
- How to create package.json
- How to install global modules
- How to install local modules
- Maintain development dependencies
- How to start local server

Module 2 - Introduction to React

- What is React.js
- Need for React.js
- Advantages of Virtual DOM
- Setup

Module 3 - Components

- What is Component
- Component Basics
- Component Implementation
- Composing Components

Module 4 - State and Props

- Introduction
- Difference between State and Props
- Managing data in React
- State and Props implementation
- Refs and Input handling

Module 5 - React Event Handling

- Introduction

- Reacting to Events
- Event handling Implementation
- Synthetic Events

Module 6 - Styling

- Introduction
- Component level styling
- Applying Style

Module 7 - Advanced Component

- Communication between Components
- Reusable Components
- Controlled Components
- Un-Controlled Components
- Component Life Cycle
- Principle of One-way and two-way data binding
- Data-binding Helpers
- Higher Order Components

Module 8 - Services

- How to fetch data from server

Module 9 - Routing

- Introduction
- Single Page Application
- Applying Routing
- Router implementation
- Router params
- NavLink
- Nested Routing

Module 10 – Flux

- Action
- Dispatcher
- View
- Store