ANGULAR JS

Angular JS Framework – Web Application Development

Module 1: Introduction to Javascript and Jquery

- ✓ Introduction to javascript & Jquery
- ✓ Benefits of Jquery
- ✓ Document.ready()

Module 2: Jquery DOM Selectors

- ✓ ID Selector
- ✓ Class Selector
- ✓ Element Selector
- ✓ Attribute Selector
- ✓ Checked Selector
- ✓ Selected Selector

Module 3: Javascript / Jquery DOM Manipulation

- ✓ Wrap Elements
- ✓ Append Elements
- ✓ Insert element Before and After
- ✓ Add or Remove Class

Module 4: Javascript / Jquery Events

- ✓ Change Events
- ✓ Mouse Events
- ✓ Scroll Events

- ✓ **Binding Event Handlers**

- ✓ **Binding Event Handlers using ON Method.**

Module 5: Jquery Third Party Plugins

- ✓ **Introduction TP Plugin**

- ✓ **DataTable**

- ✓ **DataTable Features Manipulation**

- ✓ **Row Level Grouping**

Module 6: Introduction to Angular JS

- ✓ **Features and Benefits of Angular JS**

- ✓ **Extending HTML for Web applications**

- ✓ **Model, View and Controller in perspective of Angular JS**

- ✓ **Angular JS Script and CDN**

Module 7: Directives

- ✓ **Teaching HTML New Tricks**

- ✓ **Binding Text and Attributes**

- ✓ **Directive Process Life Cycle**

- ✓ **Basic Directives**

- ✓ **Scopes**

- ✓ **Re-usable Directives**
- ✓ **Directives into Components**

Module 8: Expressions

- ✓ **Expressions are lightweight code snippets**
- ✓ **Expression Capabilities**
- ✓ **Limitation**
- ✓ **Expression and $eval**

Module 9: Filters

- ✓ **Standard Filters**
- ✓ **Writing our own Customized Filters**
- ✓ **Tying with filters together**

Module 10: Controllers

- ✓ **Where Controllers fit in in Angular JS Perspective**
- ✓ **Managing Scope**
- ✓ **Setting up Behaviour**
- ✓ **Building a Controller**
- ✓ **Advanced Controller**

Module 11: Models

- ✓ **How to create a Model**
- ✓ **Explicit Models**

- ✓ **Implicit Models**

Module 12: Views

- ✓ **Angular's take on the View: A little bit different**
- ✓ **Tying a View to Controller**
- ✓ **Tying a View to Model**

Module 13: Scopes

- ✓ **What are Scopes?**
- ✓ **What does scope provide?**
- ✓ **Scope Lifecycle**
- ✓ **Scope as glue between controller and view.**

Module 14: Single Page Application

- ✓ **Meaning of SPA**
- ✓ **Creating Angular Modules**
- ✓ **Angular Routing Service**
- ✓ **Routing Basics**
- ✓ **Skeleton of SPA Application**

Module 15: Angular Forms

- ✓ **Angular Forms vs HTML Forms**
- ✓ **Angular Form Controls**

- ✓ **Form Events**

- ✓ **Form Validation**

Module 16: Ajax, Data and Angular

- ✓ **High Level Interaction with Servers**

- ✓ **Low Level Interaction with $http**

- ✓ **The Promises API**

- ✓ **Rest API with $resources**

Module 17: CRUD Operation in AngularJS

- ✓ **Implementing Crud Operation using Controllers, Scope, Directives, Services.**

- ✓ **Sequence Code Explanation**

Module 18: Real time Project with AngularJS

- ✓ **Intro to Real Time Project**

- ✓ **Functional Flow Logic**

- ✓ **Function conversion to Technical Flow Sequence Code**