

Course Name : Develop a Web App with Angular 9
Duration : 2 Days
Skill Level : Beginner

Course Description :

In this project based training course, the participants will learn about components, Directives, Modules, Services, Property and Event binding, routing and more. Along with a conceptual understanding of the framework, candidates will also gain direct experience with Angular 9 by building a sample application.

MODULE 1: INTRODUCTION

- Welcome
- Introduction to Angular 9
- History
- Angular Versions

MODULE 2: SETUP DEV ENVIRONMENT

- Setting up Environment
- Create Angular Project using CLI
- Create Angular Project using GitHub Quickstart
- Angular 9 File Structure
- Introduction to TypeScript

MODULE 3: ANGULAR COMPONENTS

- Introduction to Components
- Module and app.module.ts file
- Create a Component using CLI
- Create a Component manually
- String Interpolation
- Data Binding
- Adding Data Types to Class Attributes
- Models & Interfaces

MODULE 4: DIRECTIVES AND TEMPLATES

- Component Template Files
- Component Stylesheets
- ngFor Directive and Looping
- ngIf & ngSwitch Directives
- Property Binding
- Class Binding and ngClass
- Style Binding and ngStyle
- Pipes

MODULE 5: EVENTS HANDLING AND FORMS

- Event Binding

- Mouse Events
- Change Properties using Events
- Keyboard Events
- Two Way Data Binding with ngModel
- Submitting Form
- Template Driven Forms
- Form Validation

MODULE6: SERVICES AND HTTP MODULE

- Intro to Service
- Create a Service
- Intro to Observables
- GET & POST HTTP Module
- PUT & DELETE HTTP Module

MODULE 7: ROUTING IN ANGULAR

- Introduction to Router
- Create Routes with CLI
- Create Routes Manually
- Work with Routes
- Router Params
- ActivatedRoute

MODULE 8: FAQAPP PROJECT

- Intro to the Project
- Create Navbar and Question List
- Create Answer Toggle
- Create a Data Service
- Nesting Components and Input
- Emit Output from Components
- Use Local Storage Along with Service
- Deploying Our Angular 9 App

MODULE 9: ANGULAR 9 SINGLE PAGE WEBSITE

- Intro to the Project
- Angular 9 Components

- Angular 9 Templating
- Angular 9 Routing
- Angular 9 Event Binding
- Angular 9 Class Binding
- Angular 9 Style Binding
- Angular 9 Services
- Angular 9 HTTP Client
- Angular 9 Forms
- Angular 9 Build Process

MODULE 10: CONCLUSION

- QA
- Useful References and Books
- Feedback