

Advance AngularJS (with .net)

Duration: 30-40 hours class room program

Prerequisites: No eligibility, course start right from installation. But knowledge of .net could add advantage.

Lab – 25 hours lab sessions + 50 plus exercises

After the classes – Students will easily crack selenium interview and have advance knowledge of selenium Automation

Who should go for this course?

- Software Developers
- Quality Analysts
- Web Developers
- C# and Java Developers

Syllabus:

- **Beginner Module**
- **An Introduction to AngularJS**
 - Introduction of an Angular Application
 - Plunker Tips
 - Developer Tool Tips
 - JavaScript Patters
 - What are Modules?
 - The IIFE
 - Conclusion
 - Controllers
- **Introduction of Controller**
 - The Capabilities
 - Calling and use HTTP
 - Controllers and Modules
 - Creating a Module
 - Directives and Views
 - Introduction
 - ng-model
 - ng-click
 - ng-repeat

- Filters
- ng-show and hide
- ng-include
- Directives
- **Introduction of services**
 - The Venn of Services
 - Gamification
 - Service Roles
 - Using \$log
 - UI Services
 - Custom Services
 - A GitHub Service
 - Summary
- **Introduction of Routing**
 - What is Routing?
 - Routing With Angular
 - The Setup and The Fixup
 - Assignment
 - Summary

Intermediate and Advance Modules

- Introduction
- Clientside Development
- A Brief History of Angular
- Advantages of Angular
- Clientside Development with .NET
- Moving from a jQuery Mindset to a Front End Mindset
- Course Overview
- Organizing your Code
- Introduction
- File Organization
- Understanding Modules
- Organizing Modules
- Naming Overview

- Namespacing
- Naming Objects
- Using Angular with ASP.NET MVC
- Introduction

Creating an Angular View inside and MVC View

- Using Angular Inside MVC Layouts
- Bootstrapping Data in Angular Views
- Bootstrapping Data in Angular Views - Continued
- Mini SPA Introduction 6m 46s
- Creating a Mini SPA Inside an MVC View - Part 1
- Creating a Mini SPA Inside an MVC View - Part 2
- Deep Linking in an MVC Mini SPA
- Summary

AngularJS: Communicating with the Server

- Introduction
- Making AJAX Calls to an MVC Action
- Posting Data to an MVC Action
- Handling Server Responses
- Using Angular, MVC and Web API Together
- Using Angular and Web API Together
- Retrieving Data with Resources
- Posting Data with Resources
- Combining Angular and .NET Validation
- Summary

Real Time Communication with SignalR

- Introduction
- Creating a SignalR Server
- SignalR Client Scripts
- Angular & SignalR - Sending Messages to the Server
- Angular & SignalR - Receiving Messages from the Server
- Enhancing the UI with Angular
- Using SignalR Groups & Context with Angular

- More on Groups & Context
- Adding Notifications

Using Angular with Legacy .NET

- Introduction
- Delivering Angular to All Pages
- Delivering Angular on Specific Pages
- Bootstrapping Data8m 0s
- Using Page Methods for Server Communication
- Retrieving Simple Objects with Page Methods
- Retrieving Collections with Page Methods
- Updating Data with Page Methods
- Adding ASP.NET MVC to a WebForms App
- Using MVC Actions to Retrieve Data
- Configuring a RESTful JSON WCF Service
- Calling a RESTful WCF Service
- Using Web Services for Server Communication
- Getting Data with Web Services and \$resource
- Saving Data with Web Services and \$resource
- Using Web Services and \$http
- Summary

Getting Ready for Production

- Introduction
- Building your Angular Code with Grunt - Part 1
- Building your Angular Code with Grunt - Part 2
- Building your Angular Code with Visual Studio
- Summary

Testing AngularJS with .NET

- Introduction
- Creating a Test in AngularJS
- Running AngularJS Tests in Test Explorer
- Running AngularJS Tests with ReSharper
- Running AngularJS Tests in TeamCity

- Summary

Additional Benefits:

- We provide real time scenarios examples, how to work in real time projects
- We guide for resume preparation by giving sample resume
- Will give you 2 POC (proof Of Concept) which you can practice before going for interview
- In 1.5 months training we provide study material's soft copy in classroom itself
- We provide hands –on in class room itself so that you can understand concepts 100%
- We give assignments every week for practice

For more information Contact:

