

Introduction

- Introduction to AngularJS
- MVC Architecture
- Conceptual Overview
- Setting up the Environment
- First Application
- Understanding ng attributes

Expressions and Data Biding

- Number and String Expressions
- Object Binding and Expressions
- Working with Arrays
- Forgiving Behavior
- Understanding Data binding

Working with Directives

- Introduction
- Core Directives
- Conditional Directives
- Styles Directives
- Mouse and Keyboard Events Directives

Controllers

- Understanding Controllers
- Programming Controllers & \$scope object
- Adding Behavior to a Scope Object
- Passing Parameters to the Methods
- Having Array as members in Controller Scope.
- Nested Controllers and Scope Inheritance.
- Multiple Controllers and their scopes

Filters

- Purpose of Filters
- Built-In Filters

- Uppercase and Lowercase Filters
- Currency and Number Formatting Filters
- OrderBy Filter
- Filter Filter
- Creating Custom Filter

Forms

- Using Simple Form
- Working with Select and Options
- Input Validations
- Using CSS classes
- Form Events
- Custom Model update triggers
- Custom Validations

Modules

- Why Module?
- Module Loading and Dependencies
- Recommended Setup of Application
- Creation vs Retrieval.

Services

- Understanding Services
- Developing Creating Services
- Using a Service
- Injecting Dependencies in a Service

Ajax in AngularJS

- \$http Service
- \$q Service
- Ajax Impl using \$http and \$q Service

Routing

- Introduction to SPA

- Creating HTML Templates
- Configuring Route Provider.

Using AngularJS and ASP.NET MVC Web API performing CRUD Operations.