

AngularJS Course Content

Pre-requisite: JavaScript, HTML, CSS.

AngularJS Introduction

- Introduction To Client Side Scripting Languages
- Basics of JavaScript and jQuery
- Introduction to AngularJS and Its History
- Why should we use AngularJS?

Execution flow & Controllers

- Properties, Methods
- Binding controllers with views
- Controller hierarchy
- Sharing data between controllers

Bootstrapping Angular APPS

- Auto bootstrap
- Custom bootstrap

Data Binding

- Binding Model Objects
- Model Objects Visibility
- \$scope
- \$rootScope
- Difference between \$scope & \$rootScope
- Using \$emit & \$broadcast
- JSON advantages
- Using JSON in AngularJS
- Use of \$watch, \$digest & \$apply

Understanding AngularJS Architecture

Dependency Injection

- What is Dependency Injection?
- Implicit DI
- Inline Array Annotated DI
- \$inject Array Annotated DI

Expressions

- AngularJs Expressions, AngularJS Numbers
- AngularJS Strings, AngularJS Arrays
- AngularJS Objects

Directives

- Power of directives
- Working with built in directives
- Working with custom directives

Filters

- Adding Filters to Expressions
- Adding Filters to Directives
- Working with built in filters
- Creating custom filters

Events

- ng-click
- Hiding HTML Elements
- ng-disabled
- ng-show, ng-hide

Modules

- Controllers Pollute the Global Namespace
- AngularJS Application Files

AngularJS Forms & Input Validation

AngularJS Service Types

- Constants & Values, Factories
- Services, Providers

Single Page Applications

Angular with UI Frameworks

- ui bootstrap
- angular-material