



*WISDOMTRIBES*

ALL IN ONE SOLUTION



AngularJS

# AngularJS course

- WISDOMTRIBES
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## Prerequisites for Angular JS Course

- [HTML and JavaScript](#)

## Angular JS Course Content

### 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 and \$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

ng-app, ng-init

ng-model, ng-repeat

ng-class, ng-template

ng-include

- Working with custom directives

## **Filters**

- Adding Filters to Expressions, 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 XMLHttpRequest (AJAX)**

- AngularJS \$http

## **AngularJS Forms & Input Validation**

## **AngularJS Service Types**

- Constants and Values, Factories
- Services, Providers

## **Single Page Applications**

- What is SPA?
- How to work with SPA in angular
- Working with routes
- Static & dynamic routing

## REST API Calls

- Overview of REST API
- Use of angular resource module

## Animations

- Overview of transitions
- Use of angular animate module

## Angular with UI Frameworks

- uibootstrap
- angular-material

## Behavior Driven Development

- Overview of Nodejs
- installation of karma and jasmine
- working with karma and jasmine

