

# AngularJS Course Curriculum (Including Angular2)

- Course Duration:** Total 8 sessions of 2.5 hours each.
- Venue:** Online over webex or In-person at my home
- Course Fee:** Rs 14000/-
- Payment Schedule:** Rs. 3000 at registration, Remaining 11000/- before the second session.

## Day 1

Introduction to AngularJS, Client side HTML Manipulation, Setup, Write your first program in Angular JS, Understanding Two-Way data binding, Directives- ng-app, ng-model, ng-controller, ng-bind and {{}}, ng-show, ng-hide, ng-init, ng-repeat, helper variables \$first, \$last, \$index etc.

## Day 2

Creating Modules and Controllers, Understanding Dependency Injection, Learning form related directives- ng-submit, ng-minlength, ng-disabled, ng-messages, ng-messages-include, ng-required etc.

## Day 3

Twitter Bootstrap, Understanding Routing- ngRoute and ng-view, Using built-in Services- \$location, \$log, Creating Custom Services, Angular form validation,

## Day 4

Using \$http service, Getting started with NodeJS and ExpressJS, Creating custom filters, Committing code on github and deploying on Heroku cloud,

## Day 5

Introduction to MongoDB, MongoDB on Cloud, Creating custom directives, CRUD application using NodeJS, ExpressJS, MongoDB and AngularJS

## Day 6

Using build tools Grunt and Gulp, Using Bower, Test driven development, Using Jasmin, Mocha, Karma

## Day 7

Introduction to Angular2, TypeScript, Setting up of Angular2 development environment, Hello Angular2 application

## Day 8

Writing Angular2 Components, Pipes, Dependency Injection, Custom services, SPA applications in Angular2