Angular Js

Duration : 24 Hrs

Pre-Requirement :

- Html

- Javascript

Angular Topic

Topics	Details
Angular Prerequisites	• TypeScript Basic • Understanding the DOM • Small Project using TypeScript
Angular Intro	• What is Angular? What problem does it solve? • Introduction to Component based programming • Virtual DOM • Hello World in Angular • File-structure of ng-cli generated project • Directives vs Components • Creating your First Component • Project in Angular with what we have learned.
Properties and Events In Component	• Template Configuration • Style Configuration • Improved Template Design • Angular Lifecycle Hooks • Project using NPM as Package Manager
Pipes and Directives	• Angular Directives • Template Bindings and Pipes • Putting it all together in a Task List Project
Services in Angular	• Dependency Injection • Async Information handling • Introducing HTTP Api

Routing in Angular	• **Angular Router Support** • **Setting up data service** • **Handling Route Parameters** • **Route Guards**
HTTP	• **HTTP Verbs** • **USing HTTP Modules in Services**
Form Handling in Angular	• **Two-way Data binding** • **Validating input in Angular** • **Control and Control Groups** • **Project - Login Form (With fake authentication service)**
Unit Testing with Jasmine and Karma	• **Testing module**
Using Multiple Modules in same application	• **Multiple Modules**
Application Training	