

# **Developing Dynamic Web Applications Using Angular**

**Modality: On Demand**

**Duration: 16 Hours**

## **About this course:**

In case you're a front-end engineer of Angular, and already creating dynamic site pages for desktop and mobile web applications. Widen your involvement of programming in a more profound jump into this open-source system.

In this course for engineers using versions 2 of Angular and more prominent, you'll work through a sequential module series that includes increasingly complex subjects. See why reliable Angular does exactly what you want it to do, as you make enterprise-grade, sophisticated web applications that render, components of HTML based on the customer.

Catch the background of Angular, and discover essential concepts of Angular and Node Package Manager. Make components and templates of HTML, and take a gander at template binding and syntax.

Find out about the lifecycle of an Angular directive or component, the reliance injection system, and even how to structure modular applications. Function with advanced features of TypeScript, like modules, declaration, and namespaces, and see their utilization within Angular.

In the end, review the compiler of TypeScript and figure out how it is utilized with Visual Studio Code. Create as much as possible from the hands-on labs, videos, and numerous decision appraisals, as you make on your Angular experience.

## **Course Objective:**

- The history and essential ideas driving Angular
- The most effective method to build components and HTML layouts
- The essentials of component lifecycle
- The best way to utilize TypeScript highlights with Angular
- Configuring your Angular Development Environment

## **Audience:**

Programmer

Web Developer

## **Prerequisites:**

Involvement in web advancement basics.

## **Course Outline:**

### **Getting Started with Angular**

- History
- Node Package Manager
- Components
- Configuring your Angular Development Environment
- Lab

### **Building Dynamic Applications using Angular**

- Application Architecture
- Templates
- Template Binding
- HTTP Service
- Lab

### **Advanced Angular Features**

- Angular Lifecycle
- Dependency Injection
- Application Modularity
- Lab

### **TypeScript Features in Angular**

- Compiler
- Modules & Namespaces
- TypeScript Definition Files
- Lab

### **Final Evaluation**

- Final Examination
- Wrap Up?