



## Description

# ANGULAR

Angular is a front-end framework. Angular is a platform and framework for building client applications in HTML and Typescript. Angular is written in Typescript. It implements core and optional functionality as a set of Typescript libraries that you import into your apps.

## Expectations and Goals


This course will help you master concepts such as Typescript, Dependency Injections, SPA (Single Page Application), Directives, Forms, Pipes, Promises, Observables, and understand the testing of Angular 8 class

## Prerequisites

Basics of HTML, CSS and Java-script.

Module	Topic
Module 1	Introduction to Angular
	Angular 8 v/s 7 v/s 6 v/s AngularJS
	Setup of NodeJS and Angular
	NodeJS Introduction (NPM)
	Angular CLI
Module 2	Difference between Typescript and JavaScript How does Angular get started? First Angular App
	Components Overview
	Introduction to Components
	Creating components
	Role of App Module & Component Declaration
	Registering Components
	Using Registered Components
	Creating Components with CLI
	Multiple components & passing data
	Nesting Components
	Working with Component templates
Working with Component Styles	
Understanding Component Selector	



<b>Module 3</b>	<p>Data binding and Event Binding, Directives          Introduction to Modules &amp; Data binding          What is Interpolation          Property &amp; Event binding          Attribute Binding          Class Binding          Style Binding          Two Way Data Binding          Binding to Custom Properties          Splitting Apps into Components          Property &amp; Event binding overview          Binding to Custom Properties          Binding to Custom Events          Assigning an Alias to Custom events          Custom Property and Event Binding Summary          Understanding View Encapsulation          Using Local References in Templates          Getting Access to the Template &amp; DOM with @View          Child          Projecting Content into Components with ng-content          Understanding the Component Life cycle          Using ngIf to Output Data Conditionally          Enhancing ngIf with an Else Condition          Output Lists with ngFor          Applying CSS Classes Dynamically with ngClass          Creating Basic Attribute Directive What is ngSwitch?</p>	 <h1>ANGULAR</h1>
<b>Module 4</b>	<p>Services &amp; Dependency Injection, Routing Concept Introduction to Dependency Injection          Why do we need Services? What is Routing?          Why do we need a Router?          Setting up and Loading Routes          Navigating with Router Links          Understanding Navigation Paths          Styling Active Router Links          Passing Parameters to Routes          Fetching Route Parameters</p>	
<b>Module 5</b>	<p>Transport Output using Pipes Introduction to Pipes          Why are Pipes useful?          Using Pipes          Parameterized Pipes          Chaining Multiple Pipes          Creating a Custom Pipe          Parameterizing a Custom Pipe</p>	
<b>Module 6</b>	<p>Making HTTP Requests, Http Client          Introduction to Http Requests          How HTTP Requests Work in SPAs          Sending Requests          Introduction to Http Client          Unlocking the Http Client          Request Configuration &amp; Response          Requesting Events</p>	
<b>Module 7</b>	<p>Forms and Validation          Template Driven Forms          Reactive Forms</p>	
<b>Module 8</b>	<p>Project work and documentation</p>	

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