



Angular

Getting better with Angular
5 [24 Hrs]

Instructor: Pondit Team

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Overview

This course starts from scratch, you neither need to know Angular 1 nor Angular 2! (Angular 5 simply is the latest version of Angular 2)**Join the most comprehensive Angular course on Pondit, because now is the time to get started!** From **Setup to Deployment**, this course covers it all! You'll learn all about **Components, Directives, Services, Forms, Http Access, Authentication, Optimizing an Angular App with Modules and Offline Compilation** and **much more**.

But that's not all! This course will also show you how to use the **Angular CLI** and feature a **complete project**, which allows you to practice the things learned throughout the course!

Why Angular

Angular is the next big deal. Being the successor of the overwhelmingly successful Angular.js framework it's bound to shape the future of frontend development in a similar way. The powerful features and capabilities of Angular allow you to create complex, customizable, modern, responsive and user friendly web applications. Angular 5 simply is the latest version of the Angular framework and simply an update to Angular 2. Angular is faster than Angular 1 and offers a much more flexible and modular development approach. After taking this course you'll be able to fully take advantage of all those features and start developing awesome applications immediately. Due to the drastic differences between Angular 1 and Angular (=Angular 5) you don't need to know anything about Angular.js to be able to benefit from this course and build your futures projects with Angular.

Audience

- Newcomer as well as experienced frontend developers interested in learning a modern JavaScript framework
- This course is for everyone interested in learning a

Prerequisites

Basic understanding of

- HTML5
- CSS3
- JavaScript

Course Information

- Duration : 24 Hours
- Day : Sunday, Wednesday
- Time :
- Reg. Start : May 1, 2018
- Reg. End : Sep 9, 2018
- Class Start : Sep 9, 2018

state-of-the-art frontend JavaScript framework

- Taking this course will enable you to be amongst the first to gain a very solid understanding of Angular

Evaluation

Successful completion of the course requires the completion of a project using AngularJS.

Curriculum

1. Introduction

- 1.1. Overview of Angular
- 1.2. ES6 & TypeScript basic
- 1.3. Angular cli

2. Components

- 2.1. Architecting with components
- 2.2. Templates, Styles, & view encapsulation
- 2.3. Content projection
- 2.4. Lifecycle hooks

3. Directives, Pipes & Reactive Programming

- 3.1. Built-in Directives, Custom Directives
- 3.2. Built-in pipes, Async Pipes & Custom Pipes
- 3.3. Reactive Programming with RxJS
- 3.4. Promises, Observable

4. Forms & Dependency Injection

- 4.1. Injector
- 4.2. Model driven forms
- 4.3. Form validation
- 4.4. Reactive model form
- 4.5. Template driven form

5. Providers, Routing & Integration with REST API

- 5.1. Provider, Token
- 5.2. HTTP API
- 5.3. Routing configuration, Nested routes, Router Guards

6. Authentication & Firebase integration

- 6.1. Integration with firebase with angularfire2
- 6.2. Authentication with Firebase

7. Project: Build a real time application with firebase

- 7.1. Integration with firebase real time database
- 7.2. Integration with firebase cloud storage
- 7.3. Modeling the database architecture
- 7.4. Searching, sorting and pagination

8. Unit testing

8.1. Jasmin & Karma

8.2. Angular Test Bed

8.3. Testing Components, Directives etc.

