**ANGULAR**

**About the course**

TypeScript is the main language used by the official Angular team and the language you'll mostly see in Angular tutorials. It's a superset to JavaScript and makes writing Angular apps really easy. Using it ensures, that you will have the best possible preparation for creating Angular apps. Check out the free videos for more information.

TypeScript knowledge is, however, not required - basic JavaScript knowledge is enough.

**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 12 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 10) 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.

**Get a very deep understanding of how to create Angular applications**

This course will teach you all the fundamentals about modules, directives, components, databinding, routing, HTTP access and much more! We will take a lot of deep dives and each section is backed up with a real project. All examples showcase the features Angular offers and how to apply them correctly.

Specifically you will learn:

* Which architecture Angular uses
* How to use TypeScript to write Angular applications
* All about directives and components, including the creation of custom directives/ components
* How databinding works
* All about routing and handling navigation
* What Pipes are and how to use them
* How to access the Web (e.g. RESTful servers)
* What dependency injection is and how to use it
* How to use Modules in Angular
* How to optimize your (bigger) Angular Application
* An introduction to NgRx and complex state management
* We will build a major project in this course so that you can practice all concepts
* and so much more!
* Class-based components and functional components
* Sending Http requests & handling transitional states + responses
* Handling forms and user input (incl. validation)
* Redux & Redux Toolkit
* Routing with React Router
* An in-depth introduction into Next.js
* Deploying React Apps
* Implementing Authentication
* Unit Tests
* Combining React with TypeScript
* Adding Animations
* Tons of examples and demo projects so that you can apply all the things you learned in real projects
* And so much more - check out the full curriculum on this page!

This really is the "Complete Guide" - promised!

And best of all?

**Structure**

**Section 1:** Getting Started

**Section 2:** The Basics

**Section 3:** Course Project - The Basics

**Section 4:** Debugging

**Section 5:** Components & Databinding Deep Dive

**Section 6:** Course Project - Components & Databinding

**Section 7:** Directives Deep Dive

**Section 8:** Course Project - Directives

**Section 9:** Using Services & Dependency Injection

**Section 10:** Changing Pages with Routing

**Section 11:** Understanding Observables

**Section 12:** Course Project - Observables

**Section 13:** Handing Froms in Angular Apps

**Section 14:** Using Pipes to Transform Output

**Section 15:** Making Http Requests

**Section 16:** Authentication & Route Protection in Angular

**Section 17:** Deploying an Angular App

**Section 18:** Adding Authentication To React Apps

**Section 19:** Angular Animations

**Section 20:** Adding Offline Capabilities with Service Workers

**Section 21:** A Basic Introduction to Unit Testing in Angular Apps

**Section 22:** Agular as a Platform & Closer Look at the CLI

**Section 23:** Angular Changes & New Features

**Time**

Begin in: October 17th 2021

* Friday: 8:00 – 11:30
* Saturday: 8:00 – 11:30

**Cost**

Course React: $69.99