Angular - Introduction

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We will start with the following concepts

1) History of Angular

2) Modern version of Angular

3) Why changes were made?

AngularJS was written in 2010

➔ It was written by two individuals but maintained by Google with main aim of de-coupling DOM manipulation and application logic. It promoted the SPA approach.

➔ It also aimed at managing the backend communication separately altogether.

➔ It followed an MVC kind of approach where-
  ◆ Models were a shared data layer throughout the application
  ◆ Views were the HTML views extended with help of Angular directives
  ◆ Controllers were the JS files where application logic was contained.

➔ It was the second most widely used frontend framework within the first 5 years and topped the charts for a few years after which **Angular** came into existence

Angular is 8 times faster than AngularJS

➔ Google re-wrote the whole framework from scratch to improve speed, robustness and add tons of functionality to support modern software development.

➔ The whole development cycle took 3 years to complete and the project was made live in Sep 2016 as Angular 2 and then again in March 2017 as Angular 4.

➔ It followed a component driven development approach and

➔ With just a few years into production, it has already started to show its dominance in market. Here are a list of companies using Angular in production

Changes were necessary to support enterprise development and modern development

➔ Support for languages other than just JS was needed. Angular is available in Dart version as well.

➔ Support for static typing, compile time checks etc were introduced with the help of typescript.

➔ You can create cross platform apps with it - web, mobile web, native mobile and native desktop

➔ Lot of tooling options which work great when building large scale web applications.

➔ Full list of features - click here

The next steps are ...

➔ Getting started with Angular Development