Introduction to Angular: Building Modern Web Applications

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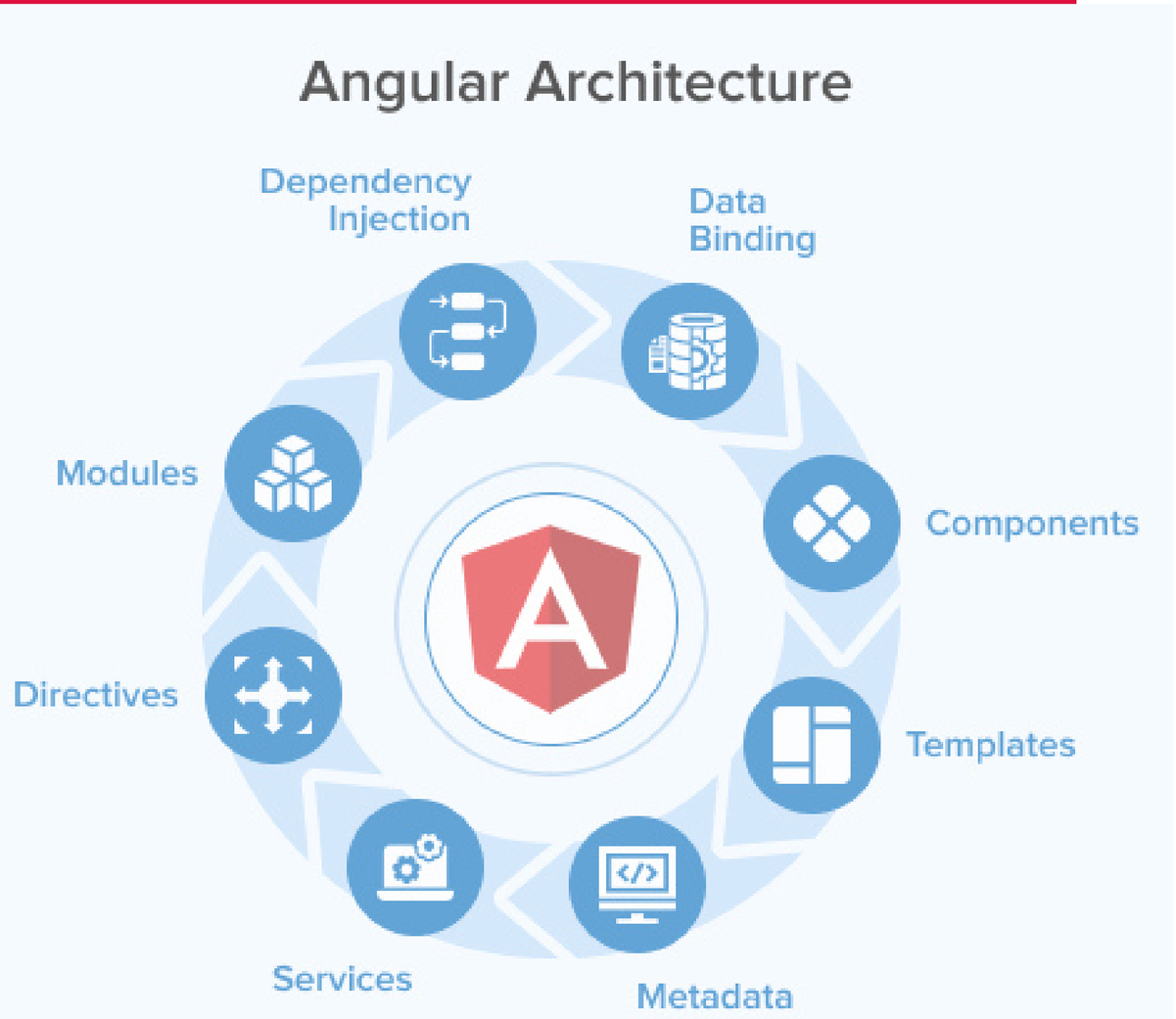
Introduction </>

Angular is a popular and modern JavaScript framework that can run on different platforms. It runs on the web, desktop, and mobile.

Angular applications are written in TypeScript, a superset of JavaScript.

Advantages of angular framework

- Single-Page Application (SPA) Development
- Component-Based Architecture
- Powerful Data Binding
- Dependency Injection



Architecture

Angular is a Model-View-Controller (MVC) framework. Here are building blocks of angular application:

- Modules
- directives
- services
- templates
- components
- data binding
- dependency injection
- metadata

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Angular component

Problem 1

components are the building blocks from which every Angular application is constructed. They are simple Typescript classes that have HTML layouts and names make up Angular Components. It has a selector, template, style, and other properties, and it specifies the metadata required to process the component.

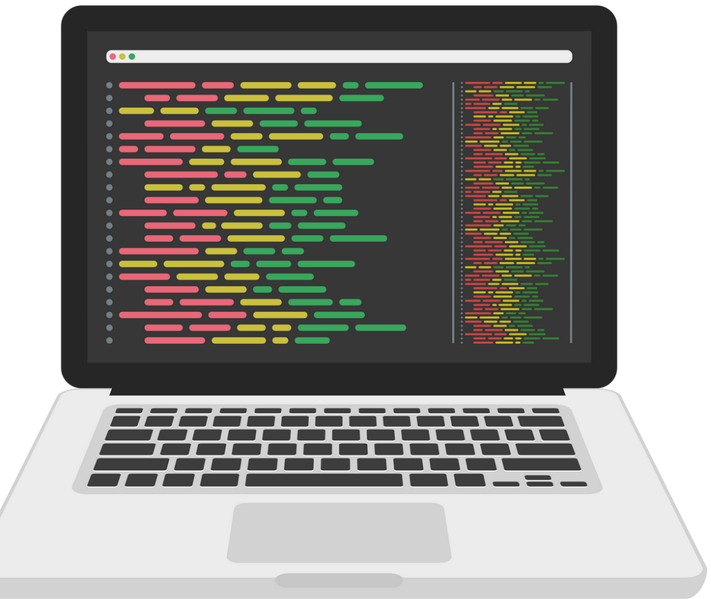
Angular Template

Problem 1

In Angular, a template acts as the user interface of a component, defining the structure and layout of the rendered content, including HTML markup, directives, and bindings.

Module

Module in Angular refers to a place where you can group the components, directives, pipes, and services, which are related to the application.



Angular Services

Think of Angular services as a central hub that handles tasks like data manipulation, fetching data from servers, or performing calculations, so your components can focus on displaying and interacting with the data.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Thank you