



Sr. Software Engineer (SSE)

ABSTRACT

This is one of the subject from my personal notes series named “Coding-With-Arqam” that I am developing from the start of my professional development career.

Subject

Ionic Angular

Ionic Angular

--> General Points:

- > With one codebase, you can build for any platform using just HTML, CSS, and JavaScript.
- > Open source UI toolkit for building performant, high-quality mobile and desktop apps using web technologies.
- > It contains controls, interactions, gestures, animations, etc.
- > Currently, Ionic Framework has official integrations with Angular and React, and support for Vue is in development.
- > Work across multiple platforms, such as native iOS, Android, desktop, and the web as a Progressive Web App
- > Ionic Framework is built on top of reliable standardized web technologies.
- > Pre-designed components, typography, interactive paradigms, and a gorgeous (yet extensible) base theme.
- > Released under the permissable MIT license like jQuery and Ruby on Rails released under this license.
- > One of the main goals with Ionic 4 was to remove any hard requirement on a single framework to host the components.
- > It is now possible to use Ionic as a standalone library in a single page even in a context like WordPress.
- > Libraries for different languages: @ionic/angular, @ionic/react
- > Latest Stable release: 4.11.5 / 14 November 2019
- > V4 still integrates deeply with Angular through the @ionic/angular.

--> Commands:

- > `npm install -g @ionic/cli native-run cordova-res // use it with --force to overwrite the existing ionic cli`
- > `ionic serve // runs the proj on 8100 port.`
- > `ionic serve --lab // runs on port 8200 port. It also shows 3 screens of android, ios and web.`
- > `npm i @ionic/lab`
- >
- > `npm install @ionic/app-scripts@latest --save-dev`
- > `ionic g service services/photo`

--> Capacitor :

- > Cross-platform app runtime that makes it easy to build web apps that run natively on iOS, Android, Electron, and the web.
- > It was created -and is maintained- by the Ionic Framework team.

--> Appflow:

- > We also offer a commercial app platform for production apps called Ionic Appflow (separate from the open source Framework).
- > Appflow is a continuous integration (CI) and continuous deployment (CD) platform for Ionic development teams.
- > Helps development teams continuously build and ship their iOS, Android, and web apps faster than ever.
- > Provide live updates and hotfixes to user devices instantly without going through the app stores.