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Alireza Easazade

Professional Profile

I am a Software Engineer Fluent in Dart and Flutter with more than seven years of Experience in mobile development, working for companies or on projects as a freelancer developer or creating and contributing to open-source projects. I am passionate about creating tools and technologies that improve the software development process. I like whether they increase maintainability, testability and reliability or decrease development costs like time, money and resources.

EXPERIENCES

6th-Solution - Rekab, (Remote|Full-time) — *Senior Flutter Developer*

2021 - 2022

Working at 6th-solution was one of the best experiences I have had so far. Working with people and on projects taught me much more than I have learned in previous years. I joined the 6h-solution team to work on apps developed for company clients. Then later, in 2021, I was selected as part of a team of developers to create the Rekab app, a MaaS Platform focused on providing localized and customized mobility solutions. I worked for almost a year on Rekab, a mono repo project with more than ten flutter packages, three flutter apps, complex automation, many challenges to tackle, and issues to find a solution. Rekab is why any other project I work on feels like a small project to me ever since.

- Designed and implemented Flutter and Dart code using Bloc, and Mobx in several apps for iOS, Android & Web
- Designed and Implemented a design system flutter package that included a custom theme, fonts, assets, and widgets that were used within multiple apps in rekab project.
- Designed and Implemented a notification service package for Rekab project that supports firebase notifications, flutter local notifications. A notification package Designed to be easily configured and used in Rekab apps like the driver app or the city app.
- Designed and Implemented a localization & internationalization package that supported dynamically changing localized values at runtime. which

made it possible to add or change localized strings or new language support to Rekab apps from the server side.
- Created and configured complex ci/cd for projects that did testing, releasing flutter apps to app store and play store, automating tasks, publishing flutter & dart packages automatically and so on.
- Was part of a team to create [fantom](#) cli. A dart package developed to read an openapi file that belongs to a server and generate a network client module for that server in dart code using packages like dio, which can be used in flutter apps to make api calls to the said server.
- Forked and Fixed a bug in flutter mapbox plugin (mapbox_gl) which happened only on iOS. Wrote swift code for the first time.

Freelancer (Remote) — *Flutter Developer*

2019 - 2021

I worked as a freelancer for some time and with different clients developing their Flutter apps. Working as a freelancer can teach you a lot, But the most important thing I've learned is how many software projects fail just because of a simple mistake. Just because these clients didn't consult the right person or just because they realized they made a mistake too late. These experiences that I gained during my freelancer days have always stayed with me. Making me Understand how valuable the right solution or tool can be when it reduces the time, money, and resources that the development process costs. Because mistakes can happen and will happen, but when they don't cost much, the chances that a project fails because of a simple mistake are much lower. Literally, all the library ideas I have are libraries or tools that make the development process easier, more readable, maintainable, reliable, and so on.

- Created an English tutor app with an offline mode that could fully work offline with the ability to download encrypted videos from a server, store them locally and play them.
- Created a webview app that integrated javascript function calls from the native side and vice versa.
- Consulted Clients on projects to create high-quality & highly maintainable apps.

Fartaak Web Development in Rasht (Full-time) — *Android Developer*

2018 - 2019

I worked at Fartaak web development as an Android Developer. I worked on several Android apps that belonged to the company or its clients. There I learned that who you work with is as important as what you work on. I learned surrounding myself with positive people who have different skills than me or are much more experienced than me in the industry and whom I can learn from is really important for making progress in my career.

- Created and tested apps using kotlin, rxjava, MVVM pattern
- Implemented maps in Android apps using Open Street Map.
- Maintained and Added features to old Android projects with legacy code.

Open Source Projects

Here are some open-source projects I created and maintained that are not mentioned above.

android_long_task plugin:

I was developing a fitness marketplace app for a client, which required running long-running tasks using android foreground service. Since none of the existing foreground service plugins was suitable for the job, I decided to create a better one with an API that is easy to understand and use. [android_long_task](#) is a flutter plugin that allows running long-running android tasks in the background even when the app is terminated.

faker_x:

It was not created just to be a typical faker library but a library that is easy to contribute to and grow. With faker libraries, many localizations need to be supported while each of them shares many resources from which fake values can be generated; almost all of them will have different resources that only make sense for that localization. Being easy to change, contribute & maintain was the reason and one of the top development metrics when I started creating this package. In order to give dart language the faker library it deserves while also valuing dart developers' time, [faker_x](#) uses code generation to generate its library code, tests & documents. Hence, if you wish to add new resources or fake value generators, you only need to focus on putting in the data instead of reading the source code and trying to figure it out (which you are free to do so if you wish).

Technical Skills

Software Development: Kotlin, Java, Javascript, Git, OOP, SOLID, Creating Command line tools (CLI), Code Generation, Multi-layer Code Generation, Meta Programming, TDD, BDD, CI/CD, Codemagic, GitHub Actions, MVP, MVVM, Reactive Programming, Sqlite, Design Patterns, Google Map, Geolocation, Mapbox, Firebase

Flutter & Dart: Flutter, Dart, Bloc, Mobx, State Management, Riverpod, custom painter, dio, http, i18n & l10n, creating and publishing plugins & packages, creating and maintaining mono-repos, melos, animations, freezed, flutter_local_notification, workmanager, json parsing, io, rx_dart, grinder, image, shelf, rive, auto_route, hive, fvm, build_runner, App Store Developer Console, Play Store Console

Android Development: Java, Kotlin, Android SDK

Key Skills

Software Development, Mobile Development, Reliable & Committed, Self Motivated, Effective Communication, Research, Troubleshooting, Creative, Complex Problem Solving, Client Relationship Management

Languages I speak

- Farsi (native)
- English (Fluent)