Ilyas Kerbal
Android Software Engineer

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📍 Morocco

SUMMARY

Software engineer with 6+ years of experience in Android development. Strong engineering professional with a Master's degree focused in Data Science from the School of Information Science (ESI). I have worked on numerous freelance projects and built and published many apps on my own. Self-motivated, flexible, and adaptable; I can adapt to both self-starting and collaborative environments while focusing on high-quality results under strict deadlines.

EXPERIENCE

Android Engineer   07/2020 - 06/2022
BidSys

- Performing the end-to-end integration and testing of software components and deploying them onto hardware through manual and automated test development.
- Identify and correct bottlenecks and fix bugs.
- Work with the product and design teams to understand end-user requirements and use cases and translate them into pragmatic and effective technical solutions.

Freelance Android Developer   08/2016 - 05/2022
UpWork

- Build quality applications based on product requirements.
- Translate designs and wireframes into high-quality code.
- Provide suggestions on UI Design for a superior user experience based on prior experience.
- Ensure the best possible performance, quality, and responsiveness of the application.
- Integrating third-party libraries and APIs
- Building from early stages, shipping through Google Play Store.

(Internship) Mobile Developer   01/2020 - 07/2020
LE DIGIMENTAL LIMITED

Master's degree final project:

- Building and maintaining a Flutter app for hotels' internal management.
- Android UI design principles, patterns, and best practices.

EDUCATION

Android Kotlin Developer   2022
Udacity - Nanodegree

- Taught by Google Engineers, introducing the latest and best practices for Android development: MVVM architecture, Dependency injection (DI), ViewModel, LiveData, Data Binding, Repository Pattern, Navigation Component, Unit Testing, End-to-End Testing, Jetpack library, and more.
- Worked with more than 19 projects and built 5 on my own.

Data engineering and computer science   2020
School of Information Sciences (ESI) - Master's degree

TreeHouse - TechDegree

SKILLS

Jetpack compose	MVC, MVP, MVVM, MVI
Clean Architecture	Java / Kotlin
Dependency Injection	Coroutines
Dagger Hilt	Test-driven development
REST APIs	Unit Testing
CI/CD	Gradle
Google Maps SDK	Git / GitFlow
Google Cloud Platform	Github
Firebase	Bitrise

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