

HAMZA CHAOUKI

Mobile App Developer (Flutter, Android, iOS)

visionOS Developer

Tech Enthusiast since September 2017

HAY ILGUANE TINGHIR MOROCCO

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ABOUT ME

I am a skilled software developer with a strong focus on Flutter development, with expertise spanning Android, iOS, and visionOS platforms. I began my journey in Android development in 2018, and in 2020, I deepened my skills in Dart and Flutter. In May 2021, I started learning iOS development and Swift. Since June 5, 2023, when Apple announced Apple Vision Pro and visionOS at WWDC23, I have dedicated my free time to learning spatial computing and developing apps for this new frontier. I am passionate about leveraging technology to create applications that enhance users' lives, driven by a commitment to continuous learning and a dedication to crafting innovative solutions for complex challenges.

As a co-founder of MiraiDevs, I am excited about the rapid advancements in technology, especially within extended reality (XR) development. We envision a future where immersive apps and games for XR headsets like Apple Vision, Meta Quest 3/3S, and future True AR Glasses like Meta Orion and the anticipated Apple Glasses will become part of everyday life. Since 2022, we have been committed to following and contributing to this technological revolution, embracing our role in shaping the future of digital experiences.

I thrive in dynamic environments where I can take on new challenges, further develop my expertise, and collaborate with like-minded professionals who share my enthusiasm for software development. My goal is to contribute to impactful projects that deliver tangible value and make a meaningful difference.

CERTIFICATIONS

Jul 2023 - Present

Meta iOS Developer Professional Certificate

- [Working with Data in iOS](#)
- [Advanced Programming in Swift](#)
- [Version Control](#)
- [Create the User Interface with SwiftUI](#)
- [Programming Fundamentals in Swift](#)
- [Introduction to iOS Mobile Application Development](#)

Oct 2022

[Kotlin for Java Developers](#)

Aug 2020

[Learning Google Flutter for Mobile Developers](#)

Aug 2020

[Prepare for the Google Associate Android Developer Certification](#)

SKILLS

FUNCTIONAL SKILLS

Project management assistance Analysis, Design (UML), Code review, and technical support.

Professions

Bank, insurance, and others:

- Participation in the design of projects from scratch.
- Document the work done.
- Participation in digital transformation.
- Teamwork to achieve the project vision.
- Creation of unit tests.
- Qualification of user requests.
- Functional specification.
- Bug fixing - reported by the users of the solutions.
- Project management

TECHNICAL SKILLS

Tools:

- Xcode, SwiftUI, TestFlight, Reality Composer Pro, RealityKit, Xcode Cloud, SF Symbols
- Android Studio, Android SDK, Flutter SDK
- Firebase Authentication, Firestore, Firebase Storage, Firebase Hosting, Firebase Cloud Messaging (FCM), Firebase Analytics, Crashlytics
- Unity Hub, Unity Editor, Unity Asset Store
- Git, Visual Studio Code, Postman

Architecture MVVM, MVC, TTD - Software Design (SOLID, Clean Architecture).

Systems macOS, visionOS, iOS, iPadOS, Android, Windows

Languages Swift, Dart, Kotlin, Java, C, and Python.

SGBD MySQL, SQLite.

Integration GitHub, GitLab, and CI/CD with Codemagic.

Languages Arabic, English, Tamazight.

EDUCATION

Oct 2022 - Present ANDROID KOTLIN DEVELOPER NANODEGREE PROGRAM - UDACITY

Dec 2019 - Feb 2020 SWOT ACADEMY MARRAKECH - ACCELERATED ENGLISH LEARNING

Sep 2015 - Jul 2018 Faculty of Sciences and Techniques of ERRACHIDIA

Sep 2014 - Jun 2015 Sidi Mohamed Ben Abdellah TINGHIR High School

EXPERIENCE

MIRAI DEVS.

JANUARY 2022 - PRESENT

Mobile App Developer (Flutter, Android, iOS), visionOS Developer

MiraiDevs' Projects

- **Mirai Fellows: Personal and Group Expense Manager** Apr 2022 - Present
- **Spatial Skyboxes: AI Spaces** Apr 2024 - Present
- **Mirai Time:** Oct 2024 - Present

Clients' Projects

- Project 1: School App** Jan 2022 - Present
- Project 2: Time Sheet.** Feb 2022 - Nov 2022
- Project 3: JoliTaxi** Apr 2022 - Mar 2023
- Project 4: Match5** Sep 2022 - Present
- Project 5: Kleazy.** Jan 2023 - May 2023
- Project 6: OneTime** Dec 2022 - Mar 2023
- Project 7: DOMICILIX.** Aug 2023 - Jan 2024
- Project 8: ÖTZI** Dec 2023 - Jun 2024
- Project 9: Dealyno - E-commerce App** Jul 2023 - Present

INTERVENTIONS:

- Proficient in building robust Android and iOS apps using Flutter and Dart, focusing on seamless user experience, cross-platform compatibility, and maintaining high performance and design consistency across all devices.
- Skilled in Codemagic CI/CD for automated build, test, and release processes, ensuring error-free deployments and improved workflow efficiency.
- Proficient in REST and GraphQL API integration, enhancing application functionality, optimizing data retrieval, and improving user experience.
- Proficient in applying the MVVM Getx architecture, optimizing app structure and maintainability in Flutter development.
- Proficient in Flutter State Management, adept with Riverpod, Provider, and Getx for creating scalable, efficient solutions.
- Specialized in designing responsive and user-friendly interfaces, ensuring maintainable and robust application architecture.
- Experienced in integrating Google Maps APIs for location tracking, enhancing app functionality with precise geolocation features.
- Skilled in Source Code Management with Git, GitHub, and GitLab, ensuring efficient version control and collaboration in software projects.
- Skilled in integrating various payment gateways such as Apple Pay, Amazon Payfort, PayPal, Stripe, and Google Pay, enhancing e-commerce platforms with secure and efficient transaction processing.
- Proficient in UI integration from Adobe XD and Figma to Flutter, ensuring design fidelity and delivering a seamless user interface across Android and iOS platforms.
- Experienced in publishing apps to App Store Connect and Google Play, following best practices for app submission, compliance, and release management.

TECHNICAL ENVIRONMENT :

- Dart, Swift, Kotlin, Flutter, SwiftUI, UIKit, Xcode, Android Studio, App Store Connect, StoreKit, in-app purchases, Apple Pay, Amazon Payfort, PayPal, Stripe, Google Pay, Google Play, GraphQL API, REST API, CI/CD, Codemagic, Git, Gitlab, GitHub, Firebase, Google Maps API, FCM Push notifications, OneSignal, visionOS.

3W MEDIA

SEPTEMBER 2020 - JANUARY 2022

Flutter Mobile App Developer (Android & iOS)

<u>Project 1: Event+</u>	<i>Oct 2020 - Nov 2020</i>
<u>Project 2: Imperium+</u>	<i>Dec 2020 - Jan 2021</i>
<u>Project 3: One+</u>	<i>Feb 2021 - Mar 2021</i>
<u>Project 4: Job+.</u>	<i>Apr 2021 - Apr 2021</i>
<u>Project 5: Chat+</u>	<i>May 2021 - Jul 2021</i>
<u>Project 6: Data+</u>	<i>Jul 2021 - Aug 2021</i>
<u>Project 7: Voice+</u>	<i>Oct 2021 - Dec 2021</i>
<u>Project 8: News+</u>	<i>Dec 2021 - Dec 2021</i>

INTERVENTIONS:

- Worked with a team to develop hybrid applications using Flutter.
- Developed Android and iOS apps using Google's Flutter and Dart.
- UI integration from Adobe Xd to Flutter.
- Integrated REST APIs.
- Integrated GraphQL APIs.
- Worked with MVVM Getx Pattern.
- State Management with Getx.
- Realtime Chat using Socket.io.
- Worked with Google Maps APIs for tracking location.
- Source Code Management using Git/GitHub/GitLab.
- Source code improvement.
- Published apps to Google Play.

TECHNICAL ENVIRONMENT :

- Dart, Java, kotlin, Flutter, Android Studio, Play Store, GraphQL API, REST API, JSON, Git, Gitlab, GitHub, Firebase, Hive, Animations, Google Maps API. Architecture Design Patterns such as MVVM, MVC, etc.