

Mohamed Elouamghari

Senior Mobile Developer

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ABOUT ME:

Senior Mobile Developer with strong expertise in native Android and iOS development using Kotlin, Java, Swift, and SwiftUI. I design scalable architectures (MVVM, Clean Architecture), integrate RESTful APIs, and manage both local and cloud data layers (Room, SQLite, Core Data, Firebase). I focus on performance optimization, code quality, and delivering smooth user experiences. With solid experience in mentoring and technical leadership, I collaborate closely with design and backend teams to build reliable, innovative, and high-performance mobile applications.

CORE SKILLS :

Android: Kotlin, Java, Jetpack Compose, XML, MVVM, Clean Architecture, Hilt/Dagger, Room/SQLite, Retrofit, Coroutines, Flow, ...

iOS: Swift, SwiftUI, Core Data, architectural patterns.

Other: REST APIs, Firebase, AdMob, CI/CD, technical leadership.

PROFESSIONAL EXPERIENCE :

Jan 2023 – Present: Senior Mobile Developer | [SQLI \(Nespresso\)](#)

- The maintenance and development of Nespresso mobile applications, used daily by thousands of customers for browsing products and completing orders across Android and iOS.
- Improved application stability and performance by reducing crash rates resulting in a smoother experience and more reliable releases.
- Collaborated closely with **QA teams** to streamline test cycles, accelerate defect resolution, and strengthen production reliability, contributing to faster release delivery and fewer regression issues.
- Provided technical leadership by enforcing clean coding standards and guiding best practices across the mobile codebase.
- Stayed up to date with the latest trends in mobile development, new Android/iOS APIs, updated design guidelines, and cross-platform technologies to continuously improve the product and keep the team aligned with industry standards.

Jul 2020 – Jun 2021: Android Developer | [Inyad \(Konnash, Mahaal, POS\)](#)

- Designed and developed multiple production-level Android applications from scratch, including **Konnash** (ledger/accounting), **Mahaal** (POS, e-commerce, and ledger), and a complete **POS system**, using **Java** and **XML**.
- Built critical business modules end-to-end, such as product and category management, customer records, transactions, sales dashboards, analytics, PDF report generation, and a full calculator/checkout flow.
- Implemented a robust **offline-first architecture** using **SQLite/Room**, enabling seamless data storage, offline usage, and synchronized updates once connectivity was restored.
- Collaborated effectively with backend engineers to define clean, scalable API contracts and ensure reliable communication layers between mobile and server systems.
- Developed optimized data flows and UI components to support fast transactions and daily business operations for small and medium-sized merchants.
- Developed optimized data flows and UI components to support fast transactions and daily business operations for small and medium-sized merchants.
- Played a key role in accelerating product delivery for the startup by taking ownership of features, resolving technical challenges, and ensuring app stability across multiple releases.

Jan 2018 – Dec 2022: Android Developer | [Solodevs LTD](#) (Text to Image Generator, Background Removal, ...)

- Designed, developed, and published several Android applications on the Google Play Store, including **AI tools, photo editing apps, music and audio apps, IPTV and media players, TV show browsing apps, and real-time chat applications.**
- Built production-ready applications using **Kotlin, Java, Jetpack Compose, XML, and modern Android architectures** such as **MVVM and Clean Architecture**, ensuring scalable, maintainable, and testable codebases.
- Delivered high-quality user experiences for thousands of active users by optimizing performance, improving UI responsiveness, and ensuring smooth feature flow across multiple devices and Android versions.
- Responsible for full product lifecycle: feature design, architecture, development, testing, deployment, versioning, crash monitoring, analytics, and ongoing maintenance.
- Ensured full compliance with **Google Play Store policies** (content, payments, privacy, permissions) resulting in successful app approvals, long-term stability, and positive user ratings.
- Gained strong expertise in handling complex features such as real-time communication, media processing, image editing flows, subscriptions, ad integrations, and remote configuration.
- Improved product iteration speed by applying best practices in modularization, reusable UI components, clean data layers, and efficient networking patterns.
- Developed a deep understanding of user behavior, ASO, app optimization, and release management while learning continuously from real production feedback and analytics.

EDUCATION:

- **Master's Education in Electrical Engineer (2018 / 2020)**
 - Faculty of Sciences Ain Chock – Hassan II University, Casablanca
- **Bachelor's Degree in Electrical Engineer (2014 / 2018)**
 - Faculty of Sciences Ain Chock – Hassan II University, Casablanca

LANGUAGES:

- **Arabic:** Native
- **English:** Professional
- **French:** Professional