Mohamed ElSherbini

Augsburg, Bavaria, Germany
+49 172 6079066
Email: m.farid.shawky@gmail.com
LinkedIn: linkedin.com/in/mofaridelsherbini
GitHub: github.com/mohamedfaridelsherbini

Professional Summary

Senior Android Engineer with 8+ years of experience building robust mobile applications using **Kotlin and Java**, and beginner experience in **iOS development with Swift**. Specialized in **Android development, Kotlin Multiplatform**, and scalable multi-module projects. Experienced in **automation testing frameworks (Appium, Selenium)**, **CI/CD pipelines with Docker & Jenkins**, and backend integration with **Spring Boot microservices**. Adept at delivering high-quality, product-focused solutions in **Agile, cross-functional teams** across Europe and MENA.

Technical Skills

- **Languages:** Kotlin, Java, Swift, Python, SQL
- **Mobile Development:** Android (Jetpack Compose, MVVM, MVI, Clean Architecture), iOS (Xcode, UIKit, SwiftUI – beginner), Kotlin Multiplatform.
- **Automation & Testing**: Selenium, Appium (Android & iOS), Espresso, JUnit, Mockito, Jenkins CI Integration
- **Backend & APIs**: Spring Boot, REST APIs, PostgreSQL
- **DevOps & CI/CD**: Docker, Kubernetes, Jenkins, GitHub Actions
- **Frameworks & Libraries**: Android Jetpack, Room, Retrofit, Firebase, Dagger Hilt, Koin, RxJava
- **Testing:** Unit Testing (JUnit, Mockito), UI Testing (Espresso), Instrumentation Testing, Jenkins CI Integration
- **Tools & APIs:** Android Studio, Google Maps SDK, Postman, Figma, ZKteco SDK
- **Other Skills:** RESTful API Integration, SAP Integration, Unity 3D, Arduino, Printed Circuit Boards

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Work Experience

Check24 Vergleich GmbH — *Senior Android Engineer*

Munich, Germany | Sep 2022 – Present

- Led the development of Android loan comparison features using Kotlin, MVI, Dagger Hilt, and Jetpack.
- Refactored legacy codebase into a scalable multi-module architecture with full test coverage.
- Built integration layers with backend microservices using Spring Boot and PostgreSQL.
- Designed and implemented **automation project for Android & iOS apps** using **Selenium and Appium**, enabling cross-platform testing.
- Extended iOS development skills with **Swift (Xcode, UIKit, SwiftUI)** for feature parity and cross-team collaboration.
- Maintained CI/CD pipelines with Docker and Kubernetes for consistent build environments.
- Collaborated in Agile teams, contributing to sprint planning, retrospectives, and code reviews.

Evntoo — *Senior Android Engineer*

Cairo, Egypt | Dec 2020 – Sep 2022

- Developed Evntoo User & Provider apps using Kotlin, MVVM, Room, RxKotlin, Firebase.
- Implemented payment gateways, encrypted storage, Google Maps, and location services.
- Added full test coverage and continuous deployment via Jenkins.
- Supported DevOps readiness with Docker configurations.

Julfar Consultancy Services — *Senior Android Engineer*

Cairo, Egypt | Feb 2019 – Dec 2020

- Developed mRAK Government app and Fish Market apps using Kotlin, Room, SAP integrations.
- Used MVI pattern, Coroutines, Firebase, and custom QR/Live chat integrations.
- Wrote and maintained Unit and UI tests using JUnit and Espresso.
- Performed secure API integration and optimized performance on low-end devices.

Felucca — *Co-Founder / Part-Time Android Engineer*

Cairo, Egypt | Jan 2017 – Mar 2023

- Created apps like GreenHub (plant community), FocusMusic, Little, Eleven.
- Built backend integration-ready apps with clean architecture and full Firebase stack.
- Participated in testing workflows and created CI pipelines using Docker locally.

Mawared / Xpress Integration / SpotEG / Freelancer

Various Roles | 2014 – 2019

- Delivered 15+ apps, including HR systems, attendance apps,and fantasy football platforms.
- Technologies: Java, Kotlin, MVVM, MVP, Retrofit, Fingerprint SDKs.
- Built ERP tools with POS printer integration, map APIs, and testing modules.
- Developed Android libraries (custom calendar, fingerprint API wrappers).

Education

- **Bachelor of Engineering – Computer & Systems**
  Mansoura University, Egypt
  Sep 2009 – Jul 2014

Notable Projects

- **SPL Fantasy:** Fantasy football for Saudi League – Kotlin, MVVM, ZKteco Fingerprint.
- **Fingerprint Attendance App:** Biometric attendance using hardware SDKs.
- **GreenHub:** Social app for plant lovers – Kotlin, Firebase, Jetpack.
- **FocusMusic:** Relaxation app with music streaming – Java, MediaPlayer.
- **Custom Calendar Library:** Android calendar component – Java.
- **CI/CD Tools:** Automated tests and builds using Jenkins + Docker + Python scripts.

Languages

- **Arabic** – Native
- **English** – Fluent
- **German** – A1(Currently Study A2)