

Moamen Abdelaal Sayed

Senior Mobile Developer | Android (Java-Kotlin-XML-Compose) | iOS (Swift-UIKit-SwiftUI) | Flutter (Dart)

CONTACT INFORMATION

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SUMMARY

Senior Mobile Developer & Team Lead with over 8 years of expertise in high-performance Android and iOS application development using Java, Kotlin, and Swift. Proven ability to enhance app performance and user satisfaction, achieving a 95% crash-free rate, and delivering efficient cross-platform solutions with Flutter. Skilled in CI/CD, Agile methodologies, and fostering productivity within teams to deliver cohesive and scalable mobile projects.

WORK EXPERIENCE

➤ Freelance Android Developer

Cairo, Egypt | 2016 - 2018

- Developed and maintained Android applications for various clients, ensuring robust code and efficient performance.
- Collaborated directly with clients to understand requirements and deliver tailored solutions,
- Improved app load times and responsiveness by optimizing code and using efficient algorithms.

➤ Smart Integrated Solutions

The Greek Campus, Cairo, Egypt | 2018 – 2020

➤ Mid-Level Android Developer | 2018 - 2019

- Worked on multiple Android projects, implementing new features, fixing bugs, and ensuring stability.
- Used Retrofit for API integrations and RxJava for reactive programming to enhance app responsiveness.
- Collaborated with cross-functional teams to define, design, and ship new features, contributing to project timelines.

➤ Senior Android Developer | 2019 - 2020

- Led a team of developers in building high-quality Android applications, promoting best practices and code quality.
- Implemented MVVM architecture to improve app scalability, maintainability, and readability.
- Established continuous integration (CI) pipelines, reducing deployment issues by 50% and improving code quality.

➤ Freelance iOS Developer

Cairo, Egypt / Osoul, MG Group, Various Clients / Various Durations (2016 - Present)

- Developed client-specific iOS applications using Swift and Xcode, ensuring seamless integration with back-end services.
- Focused on user experience and performance, increasing user satisfaction by reducing load times by 35%.
- Conducted code reviews and mentored junior developers, fostering a high standard of code quality and app stability.

➤ EXAS2030, qTech Al Qemam

Nozaha City, Cairo, Egypt | 2020 – 2025

➤ Senior Android Developer

- Developed and maintained high-traffic Android apps using MVVM and MVI architectures.
- Enhanced app scalability and performance while integrating third-party APIs for extended features.

➤ Team Lead – Android

- Managed an Android development team, ensuring timely delivery of scalable, high-quality applications.
- Mentored junior developers and introduced best practices to improve code quality and performance.
- Oversaw the integration of advanced APIs, enhancing app functionality.

➤ Mobile Team Lead

- Led cross-platform development teams, boosting productivity by 25% through mentorship and Agile practices.
- Streamlined development processes, reducing delivery timelines by 30% with CI/CD pipelines.
- Collaborated with stakeholders to align technical solutions with business goals.

➤ Dsquares, The Global Loyalty Experts

Smart Village, Cairo, Egypt | 2025– present

➤ Senior Mobile Engineer

SKILLS

- **Languages & Core Development**
 - Kotlin (Expert), Java (Expert), Swift (Proficient), Dart (Skilled)
 - Kotlin Coroutines, RxJava, StateFlow, Combine, async/await
 - **Mobile Frameworks & UI**
 - Android SDK, Jetpack Compose, XML
 - Flutter, SwiftUI, UIKit
 - **Architectures & Patterns**
 - MVVM, MVI, MVC, Clean Architecture
 - Modular App Architecture, Dependency Injection
 - **Tools & Infrastructure**
 - Git & GitHub, Jira, Azure DevOps
 - Fastlane, CI/CD Pipelines, Gradle (KTS), Cocoa Pods
 - **Databases & APIs**
 - Room, SQLite, Core Data
 - RESTful APIs, Firebase,
 - **Testing & Quality Assurance**
 - JUnit, Espresso, Mockito, Flutter Test
 - **Security & Performance**
 - EncryptedSharedPreferences, Keychain, Biometric Auth
 - ANR Handling, Memory Profiling
 - **Other**
 - Agile/Scrum, Slack, Notion, Confluence
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EDUCATION

Advanced Academy, Egypt – Cairo

Bachelor's Degree in Management Information Systems (2011 - 2015)

- **Certifications & Training:**

- Database Administration Fundamentals from Microsoft Technology Associate 2015
 - Cross-Platform Development (Intel XDK) – HTML5, CSS, JS (2015)
 - Advanced Android Development (Amit – Training Engineering) (2017)
 - Configuration Management (itida | SECC – Online) 2024
 - Jira 101 for Scrum Masters and Products Owners at Certify Sacrum (2025)
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ACHIEVEMENTS

- Recognized as EXAS2030 Achiever of OCT 2022, MAY 2023, and Year 2023 for outstanding contributions, including a 40% reduction in app load times.
 - Implemented innovative CI/CD practices, reducing deployment errors by 50% and enhancing overall workflow efficiency.
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PUBLISHED APPS

- **Android:**

- **Smart Schools (20K+ downloads):**

Developed an educational app using Java and MVP architecture, integrating QR code scanning, Google Maps, Zoom SDK, and Firebase Cloud Messaging (FCM).

- **Alaam Rakmy:**

Created a media-focused app with Java and MVP architecture, incorporating an advanced media player for seamless user experience.

- **ALKhalilEmployee:**

Built a project management solution using Java and MVVM architecture, tailored to employee management needs.

- **ALKhalilCustomer:**

Developed a customer-focused project management app using Java and MVVM architecture.

- **Amar Tick:**

Designed an e-commerce platform in Kotlin with MVVM architecture, featuring STC payment gateway integration.

- **Amar Tick Suppliers:**

Built a supplier management app with Kotlin and MVVM architecture, optimized for e-commerce with STC payment gateway.

- **qPMOP Employee:**

Engineered a project management tool using MVVM architecture and Clean Architecture principles, streamlining workflows for employees.

- **qPMOP Contractor:**

Developed a contractor management app with MVVM architecture and Clean Architecture, enhancing project operations.

- **qAuth Attendance Jetpack Compose:**

Transitioned to modern UI with Jetpack Compose, employing MVVM architecture, Clean Architecture, and fingerprint

authentication for attendance management.

- **iOS:**

- **Klsh – Client:**

Created a client-side app with MVVM architecture and Clean Architecture, featuring Google Maps integration and Pusher for real-time updates.

- **Klsh – Provider:**

Developed a provider-focused app using MVVM architecture and Clean Architecture, including Google Maps and Pusher functionalities.

- **RoknEltayb:**

Built an e-commerce app with MVVM architecture, Clean Architecture, and seamless shopping capabilities.

- **qPMOP Employee:**

Designed a project management app using VIPER architecture, improving task management for employees.

- **qPMOP Contractor:**

Developed a contractor management solution leveraging VIPER architecture, tailored to project needs.

- **Flutter:**

- **QAuth Attendance**

Attendance management system built with Flutter and BLoC pattern, employing Clean Architecture and biometric authentication for secure time tracking and state management.

- **Ghediouh App**

Ghediouh makes group food ordering easy.

Create an event, let others join and add their orders, and get a clear summary of everyone's total and individual cost. Simple, smart, and perfect for group meals.

- **HSBC Deals (Loyalty Program App)**

Developed a Flutter application for HSBC's loyalty program, enabling users to redeem points for offers and cash rewards. Implemented using **GetX**, **BLoC**, and **Modular architecture** to ensure a scalable, maintainable, and efficient codebase.

- **SDKs**

- **Mobilawy SDK Consumer- (SDK – Android):**

Migrated to a modern XML-based UI leveraging Data Binding, implemented MVVM and Clean Architecture patterns, and enhanced the SDK's performance, scalability, and maintainability.

- **Stars Group Jordan SDK (Loyalty SDK – Android):**

Built using Jetpack Compose with MVI and Clean Architecture, featuring a modular, feature-based structure and reusable UI components to enhance scalability and maintainability.

LANGUAGE

- Arabic: Native

- English: Professional Working Proficiency