Islam Essam

Senior Android Developer

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SUMMARY

Senior Android Developer with 5+ years of experience building native Android apps in **Kotlin** and **Java**, plus cross-platform work with **Kotlin Multiplatform (KMP)** and **Compose Multiplatform (CMP)**. Built **40+ mobile apps** and published **15** to Google Play. At Cashi, work across **6 fintech apps serving 5M+ active users** and act as **Release Owner** for CashiMobile, CashiLite, and Cashi PAX. Strong in Clean Architecture (MVVM/MVI), modularization, legacy modernization, performance tuning, and Google Play compliance.

EXPERIENCE

Cashi (Alsoug.com)

Giza, Egypt

Senior Mobile Developer

Aug 2025 – Present

- Drove development across **6 fintech apps** (CashiMobile Android & iOS, CashiLite, Cashi PAX, MyCashi, CROMS) serving **5M+ active users**, including shared UI with Compose Multiplatform for iOS.
- Shipped **30+ releases** through Bitbucket CI/CD as **Release Owner** for CashiMobile, CashiLite, and Cashi PAX, keeping the crash-free rate above **99.5%**.
- Migrated **18 modules** across Cashi apps from **KMP to native Android** (Hilt, Retrofit, OkHttp, Room, Jetpack Compose, Navigation Compose), following **Now in Android** module conventions.
- Reduced APK size by **3+ MB across 3 apps**, and fixed a **Google Play 16 KB page size** failure on Android 15 caused by native .so library alignment.
- Updated the **design system** for CashiMobile and CashiLite to match the MyCashi brand (colors, sizing), working with UI/UX design.
- Integrated **PAX POS** hardware and handled APK signing and PAXSTORE submissions, following strict financial security and compliance standards.
- Onboarded **3 engineers** onto KMP and the Cashi merchant apps.

Tawajood

Cairo, Egypt

Android Software Engineer

Jul 2022 – Aug 2025

- Engineered **38+ Android projects** and published **15 native apps** to Google Play, with a focus on performance, memory optimization, and UI/UX.
- Led full migrations of legacy codebases from **Java to Kotlin**, moving apps to **MVVM** and **MVI** with Android Jetpack.
- Integrated complex **REST APIs** with Retrofit and third-party SDKs, and kept older apps up to date with the latest Android SDKs and Google Play policies.
- Worked with backend, design, and QA teams in an Agile setup.

SKILLS

Languages: Kotlin, Java, Dart

Android: Jetpack Compose, XML Layouts, ViewModel, LiveData, Navigation, Room, DataStore, WorkManager, AlarmManager, Material Design, Custom Views & Animations

Cross-platform: Kotlin Multiplatform (KMP), Compose Multiplatform (CMP) for iOS

Async & Networking: Coroutines & Flow, Retrofit, OkHttp, RESTful APIs

Dependency Injection: Hilt, Dagger

Architecture: Clean Architecture, MVVM, MVI, MVP, Repository Pattern, Unidirectional Data Flow, StateFlow, SOLID, Modularization (feature/core modules, dynamic feature delivery)

Firebase: Auth, Firestore, Cloud Messaging, App Distribution

Testing & Debugging: JUnit, Mockito, Espresso, Android Profiler, Logcat

CI/CD & Version Control: Git, GitFlow, GitHub, GitLab, Bitbucket Pipelines, GitHub Actions, Bitrise

Release & Tools: Google Play Console, PAXSTORE, Android Studio, Gradle, Postman, Figma / Adobe XD

EDUCATION

BSc in Computer Science

2017 – 2021

Faculty of Computers & Artificial Intelligence, Benha University • GPA 3.29