ADHAM ELGENDY

Android Developer | Kotlin · Java · Jetpack Compose · Kotlin Multiplatform

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SUMMARY

Android developer building with Kotlin, Java, Jetpack Compose and Kotlin Multiplatform, following MVVM and Clean Architecture with unit-tested business logic. Built NixUra, a publish-ready habit tracker with Firebase sync, an AI coach and full Arabic/English support. MIS graduate with 3+ years of customer-facing work, which keeps my focus on what real users need.

TECHNICAL SKILLS

- **Languages:** Kotlin, Java, SQL
- **Android & UI:** Jetpack Compose, Compose Multiplatform, Material 3, XML layouts, App Widgets, WorkManager, AlarmManager
- **Architecture:** MVVM, Clean Architecture, OOP, SOLID, Kotlin Multiplatform (KMP), Coroutines & Flow, Dependency Injection (Koin)
- **Data & Networking:** Room (schema migrations), Firebase Auth & Firestore, Retrofit, REST APIs, OAuth 2.0
- **Backend & AI:** Cloudflare Workers, LLM API integration with multi-provider fallback, Node.js / Express, MySQL
- **Testing & Tools:** Unit testing (kotlin.test, JUnit), Git & GitHub, Android Studio, Logcat & Debugger, AI-assisted development

PROJECTS

NixUra — Habit Tracker **Publish-ready**

KMP · Compose Multiplatform·MVVM·Clean Architecture·Room·Koin·Firebase| github.com/MrAdham22/NixUra_App

- Built a 15-screen habit app from a shared Kotlin Multiplatform codebase: quit-habit counters with recovery timelines, good-habit streaks and calendars, and event countdowns with reminders, in English and Arabic (RTL).
- Built an AI coach (chat and voice notes) served through a Cloudflare Worker that fails over across several LLM providers and enforces per-user daily limits.
- Added Firebase sign-in with Firestore cross-device sync, Google Calendar and Notion import over OAuth with encrypted token storage, and three home-screen widgets.
- Covered core logic with 460+ unit tests; evolved the Room database through 8 schema versions with tested migrations.

Autimate — Graduation Project | React Native, Node.js, Express, MySQL **2025**

- Led development of an app for children with autism and their families, with separate portals for children, parents and therapists. Awarded Best Capstone Project Performance (Computer Science Society, AASTMT).

E-Commerce App | Kotlin Multiplatform **github.com/MrAdham22/E-CommerceAPP_KMP**

- Cross-platform shopping app with business logic shared across platforms in a common KMP module.

Android Course Projects | Kotlin, MVVM, Retrofit, Room, Compose, XML **github.com/MrAdham22**

- **News App** (live news from a REST API via Retrofit), **To-Do App** (offline-first CRUD with Room), **Islami App** (Quran, Hadith, Tasbeh and live radio; hybrid XML/Compose UI).

EDUCATION & Certificates

Android Development Diploma - Route Academy (Kotlin, Compose, MVVM, Clean Architecture, KMP, DI, APIs) **2026**

B.Sc. Management Information Systems (English Section) — Alexandria University · Very Good **2021 – 2025**

Additional certificates:

Business Analysis Essentials — ITI (2025).

Software Engineering Level 1 — Orange Digital Center Egypt (2024)

WORK EXPERIENCE

Intelcia — Customer Service Representative **Jul 2024 – Nov 2026**

- Handled 20+ client interactions daily, meeting an 85% retention target on cancellation requests while hitting sales goals; worked with cross-functional teams to resolve issues.

TravelKey — Data Entry specialist & Visa Coordinator **Jan 2023 – Jan 2024**

- Managed 50+ Schengen visa client files and secured embassy appointments by monitoring booking systems and coordinating with internal teams.

LANGUAGES

Arabic (native) · English (fluent, C1)