Alaa Hany ElGebaly Android Developer

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alaa7hany.github.io Exempted

Profile

Android Developer skilled in Kotlin, Java, and Jetpack Compose, with experience building clean, user-centric, and scalable mobile applications. Proficient in MVI, MVVM, Clean Architecture, Kotlin Coroutines & Flow, Room, Retrofit, and AI SDK integration, with a strong focus on maintainable codebases and engaging user experiences.

Education

9-Month Professional Diploma, Information Technology Institute (ITI) Oct 2025 – Aug 2026

- **Track:** Mobile Applications Development (Native)

B.Sc. in Computer and Systems Engineering, Zagazig University Sep 2020 – May 2025

- **Grade:** Very Good with honors
- **Graduation Project: Taier**, A flight booking mobile app enabling users to search routes, select travel classes, and process online payments. (Grade: Excellent)

Projects

LinguaQuest, Kotlin MVI & Clean Architecture

- Engineered an AI language-learning scavenger hunt with CameraX object recognition, Gemini-powered roleplay, pronunciation scoring, offline caching, Room, Hilt, and Firebase.

Qafilah – AI Mobile Commerce, Kotlin Clean Architecture & MVI

- Built a Jetpack Compose commerce app with Shopify GraphQL, Paymob payments, cloud wishlist sync, multi-account switching, Room, Koin, and an n8n AI shopping assistant.

Pip-Boy Weather Station, Kotlin MVVM

- Developed a localized Jetpack Compose weather app with Retrofit, Room, WorkManager alerts, Koin, Google Maps, real-time forecasts, and offline caching.

Professional Experience

Freelance Web Developer, Remote Sep 2026 – Present

- **Willup Early:** Developing an Arabic-first screening platform with Next.js, PostgreSQL, Prisma, Gemini AI, dynamic assessments, administration tools, and PDF reports. **Live**
- **Shiny & Style:** Delivered a bilingual e-commerce storefront and administration dashboard with Next.js, Laravel APIs, Paymob, SEO, and GTM analytics. **Live**

Technical Skills

Android

Jetpack Compose, Kotlin Coroutines & Flow, AI SDK (Gemini), RxJava, Jetpack DataStore, XML, SharedPreferences, Unit Testing (JUnit, MockK), Integration Testing, Dependency Injection (Koin & Hilt), WorkManager, Services, Google Maps SDK, Navigation Component, Glide, Apollo Android.

Databases, APIs & Networking

Apollo GraphQL, Shopify Storefront API, Retrofit, Firebase, Room DB, REST APIs.

Mobile Frameworks & SDKs

• iOS: UIKit, SwiftUI, Core Data, Alamofire.
• Cross-Platform: Flutter, KMP

Programming Languages

Kotlin, Java, Dart, Objective-C, Swift, C++, SQL.

Architecture & Patterns

MVVM, MVI, MVP, MVC, SOLID Principles, Clean Architecture, Modularization, Reactive Programming (RxJava, RxSwift).

Tools & Platforms

Android Studio, IntelliJ IDEA, NetBeans, Xcode, Git, GitHub, GitHub Actions, Gradle (Kotlin DSL), Firebase, Postman.

Languages

Arabic: Native | **English:** Excellent