

AHMED TAYSEER FAWZY

Junior Android Developer | Flutter Cross-Platform

ahmedtayseer424@gmail.com | +20 111 945 0425 | Alexandria, Egypt
[linkedin.com/in/ahmed-tayseer-b734a7241](https://www.linkedin.com/in/ahmed-tayseer-b734a7241) | github.com/soutAhmedTayseer | ahmedtayseer.com

Summary

Junior Android Developer with a Bachelor's degree in Computer Science and hands-on Flutter cross-platform experience. Builds native Android apps with Kotlin and Jetpack Compose, and cross-platform apps with Flutter and Dart, using Clean Architecture, MVVM/MVI, and dependency injection. Comfortable integrating REST APIs, Firebase, OAuth authentication, and local persistence. Shipped a portfolio of 12+ apps solo, in teams, and under contract, including a freelance app published on Google Play, with exposure to Kotlin Multiplatform and CI/CD. A collaborative, reliable, and persistent problem-solver with strong analytical thinking who debugs and resolves issues quickly, values code reviews, and is eager to learn from senior developers.

Education

9-Month Diploma - Mobile Applications Development (Native) · ITI Oct 2025 - Present

- Intensive training at the Information Technology Institute, Ministry of Telecommunications and Information Technology, specializing in native and cross-platform mobile architectures.

B.Sc. in Software Industry and Multimedia (SIM) · Alexandria University, Faculty of Science Sep 2021 - Jun 2025

- Department:** Computer Science (CS).
- GPA:** 3.45 (Excellent with Honors).

Experience

Flutter Developer (Contract) · MaVoid Oct 2024 - Oct 2025

- Architected and maintained high-performance cross-platform mobile applications using Flutter and Dart in a hybrid work environment.
- Collaborated with the team through code reviews and pair debugging to resolve issues and maintain code quality.

Internships

App Development · CodeAlpha Sep 2024 - Oct 2024

- Developed and deployed 3 cross-platform mobile applications using Flutter and Dart, serving multiple active test users.
- Optimized REST API calls and implemented efficient state management, increasing app responsiveness.

Technical Skills

Languages: Kotlin, Java, Dart, Swift, Objective C

Android (Native): Jetpack Compose, Material Design, UI Design, XML, Activities, Fragments, Services, Content Providers, RecyclerView, WorkManager, Navigation Component

Flutter & Cross-Platform: Flutter, Dart, Cubit, Bloc, Kotlin Multiplatform (KMP), Compose Multiplatform

Architecture: Clean Architecture, MVVM, MVI, MVP, MVC, OOP (Object-Oriented Programming), Modularization, SOLID, Design Patterns

State & Persistence: Coroutines, Flow (StateFlow, SharedFlow), RxJava, Room, SQLite, Hive, Offline-First Caching

Networking & APIs: Retrofit, Ktor Client, REST APIs, Kotlinx Serialization, Gson, Firebase (Auth, Firestore, Realtime DB, Cloud Messaging), JWT/OIDC Authentication, Shopify Admin API, Paymob SDK, Google Maps, Mapbox

Testing & Quality: JUnit, MockK, Turbine, Unit & Integration Testing, Code Reviews, Debugging

Tools: Version Control (Git, GitHub), CI/CD, Hilt, Dagger, Koin, Dependency Injection, Android Studio, Figma, Maven, Multithreading, Apache Derby

AI Integration: Local LLMs (Ollama), Gemini API (RAG Pipelines), Groq LLM & Whisper API, ML Kit

Projects

NutriScan | AI Nutrition Tracker (ITI Graduation Project)  Kotlin · Jetpack Compose · Gemini AI (RAG) · ML Kit

- Scans food labels, barcodes, and receipts to warn users if a product conflicts with their or a family member's allergies or health conditions, using ML Kit for real-time barcode detection.
- Powers an AI nutrition chatbot with a Gemini-based RAG pipeline grounded in official health-authority documents, plus calorie, step, and workout tracking with automated notification types.

Tawseel | On-Demand Delivery Platform (Freelance) Flutter · REST API Integration · Firebase Cloud Messaging

- Delivery app connecting customers, drivers, and admins for shopping and shipping orders, with live order tracking and automatic driver assignment via REST API integration.
- Built the customer/driver app and a separate admin dashboard across 4 role-based access tiers (customer, driver, admin, sub-admin), with FCM push alerts; published the customer/driver app on Google Play.

WearZone | AI Fashion M-Commerce (ITI Workshop Project) Kotlin · Jetpack Compose · Groq LLM & Whisper · Shopify API

- Fashion e-commerce app with an AI shopping assistant, powered by Groq's LLM and Whisper APIs, that takes voice or text requests to help users find products.
- Built in a 4-person team on top of the Shopify Admin API, with secure Paymob checkout, order tracking, and Mapbox-based delivery address search.

DocDesk | Medical & Clinic Management (Faculty Graduation Project) Flutter · WebSockets · OpenAI Whisper

- Connects patients, doctors, and clinic admins in real time over WebSockets, keeping appointments and records instantly in sync.
- Integrates OpenAI/Whisper to turn spoken notes into voice-to-text summaries, cutting down administrative work.

PixelCast | 8-Bit Weather Forecast (ITI) Kotlin · Jetpack Compose · Custom UI Library

- Weather app with a bespoke retro 8-bit Jetpack Compose UI library built entirely from scratch, standing out from typical Material Design weather apps.
- Stays usable offline once a forecast loads, with AlarmManager-based alarms that can wake the device even from a locked screen.

Prepperoni | Recipe Discovery & Meal Planner (ITI) Java · RxJava 3 · Room + Firebase Sync

- Helps users discover recipes and plan weekly meals, resolving scheduling conflicts automatically using TheMealDB API.
- Syncs favorites and multi-method auth across Firebase (cloud) and Room (local) with RxJava 3, keeping data available offline.

XO | Real-Time Multiplayer Tic-Tac-Toe (ITI Project) (Client) (Server)

JavaFX · Multithreading · Minimax AI

- Co-built in a 4-person team: a thread-per-client server architecture handling live matchmaking and SHA-256-secured accounts over Apache Derby storage.
- Features a Minimax-powered "unbeatable" AI opponent that evaluates every possible move and full JSON-based match replays for move-by-move review.

CoinPulse | Cryptocurrency Tracking App (ITI) Flutter · Hive · Firebase

- Tracks cryptocurrency prices with interactive live market graphs and real-time coin conversion for a simulated wallet portfolio.
- Combines Firebase and Hive local databases so pricing data and portfolio state stay available and reliable even offline.

LinguaLeap | Language Learning App (CodeAlpha) Flutter · Cubit · Localization (AR/EN)

- Bilingual (Arabic/English) language-learning app with progressive lessons and XP-based progress tracking to keep learners engaged.
- Uses Cubit for predictable state management across lesson flows, with full localization switching between Arabic and English.

QuizDeck | Flashcard Quiz App (CodeAlpha) Flutter · Cubit · Dynamic API Quizzes

- Flashcard quiz app that auto-generates quizzes dynamically from an external API instead of static question banks.
- Tracks quiz history for progress review and adds debounced search for fast, lag-free flashcard lookup.

Sportiva App (ITI) Swift · UIKit · CoreData

- iOS sports tracking app built with MVP and Alamofire, keeping favorite teams and stats available offline via CoreData.
- Responsive UIKit interfaces built with Storyboards and Compositional Layouts, backed by over 90% automated unit test coverage.

Honors & Awards

Best Intern · CodeAlpha	Oct 2024
Best Intern & Project · Telecom Egypt	Aug 2024

Extracurricular Activities

React Mentor · Semi Colon Civil Work	Jun 2023 - Oct 2023
▪ Mentored 20+ students in web development fundamentals including HTML, CSS, and React.	

Languages

Arabic: Native Speaker | English: Professional Working Level

Additional Information

Nationality: Egyptian | Gender: Male | Military Status: Currently Serving (Ends Dec 2026) | Age: 23