

# Mohannad Mahmoud El-Sayeh

## Android Developer

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🌐 linkedin.com/in/msayeh/ 🐙 github.com/mSaayeh 🛡 Military Service - Due for completion June 2027

### SUMMARY

Mobile app developer experienced in Native Android and Flutter. Proficient in Java, Kotlin, and Dart. Successfully led and collaborated on multiple projects, delivering high-quality code and architecture in each. Looking for a full-time Android or Flutter development position.

### PROFESSIONAL EXPERIENCE

#### Mobile App Developer

12/2024 – 06/2025

Persist [🔗](#)

Remote

- Built a reusable Flutter base code with Clean Architecture, reducing project setup time from days to minutes.
- Led client meetings to gather requirements and translate business needs into technical solutions.
- Developed core mobile features, including real-time GPS navigation, in-app subscriptions, and AI chatbot integration.
- Collaborated with backend engineers and UI/UX designers to ensure seamless API integration and consistent UI delivery.

#### Coding Instructor

11/2023 – 03/2024

iSchool [🔗](#)

Remote

- Taught Grade 4 children the basics of computer science using visual programming.
- Simplified the core concepts of computer science to ensure all students could follow along.
- Received positive feedback from the Quality Team for creating an engaging learning environment.

### EDUCATION

#### 9-Month Diploma - Mobile Applications Development (Native)

10/2025 – Present

Information Technology Institute (ITI) [🔗](#)

Smart Village, Cairo

#### Bachelor of Engineering in Computers and Control Systems Engineering

09/2020 – 05/2025

Faculty of Engineering at Mansoura University [🔗](#)

Mansoura, Egypt

Cumulative Grade: 91.9% (Excellent with Honors) | Graduation Project: 100%

### INTERNSHIPS

#### Mobile App Development Intern [🔗](#)

08/2024 – 09/2024

VOIS (Vodafone Intelligent Solutions)

- Honored with the award for **Top Software Engineering Intern among 25+ colleagues.**
- Participated in sprint planning and Agile practices for the My Vodafone UK app.
- Worked on a new feature for the My Vodafone UK Android app, collaborating with UK interns.

## SKILLS

**Android** (Kotlin, Java, Jetpack Compose, XML Layouts, Coroutines, Flow/StateFlow, Hilt, WorkManager, Room, Retrofit) | **Flutter** (Dart, BLoC, Riverpod, Dio, GetIt, Flavors) | **Architecture & Design** (MVVM, MVI, MVP, Clean Architecture, SOLID, Dependency Injection, Design Patterns) | **Git (Version Control)** | **Restful APIs** | **UI/UX Collaboration** | **Google Maps Integration** | **Payment Integration** | **CI/CD** (Fastlane, Github Actions) | **Firebase** (Authentication, Firestore, Storage, App Distribution, Real-time messaging, Crashlytics) | **AI-Assisted Development** (Claude Code, Cursor) | **Agile Practices**

## PROJECTS

### **Breeze (Android)**

03/2026

*Weather App*

- A **Kotlin/Jetpack Compose** weather app with forecasts, multi-city support, maps, and English and Arabic localization.
- Designed a scalable **MVVM** architecture using **Hilt**, **StateFlow**, **Retrofit**, and **Room**.
- Implemented offline support and scheduled weather alerts with **WorkManager**, **AlarmManager**, and **foreground services**.

### **PrepPal (Android)**

02/2026

*Meal Planner*

- A **Java/MVP** meal planning app with **XML Layouts**, **RxJava3**, **Retrofit**, **Room**, and **Firebase** Authentication for a full recipe discovery and weekly planning experience.
- Implemented **cloud backup and restore** by serializing Room data to Firestore, with guest/authenticated onboarding and login-gated actions.
- Engineered a multi-filter search merging category, area, and ingredient results, with shimmer skeletons, Lottie animations, and full **offline/error state handling**.

### **CardiAi (Android)**

2024

*AI Heart Diagnostic App*

- Led a cross-functional team and implemented authentication, secure access, and efficient data pagination using Paging 3 for seamless user experiences, adhering to **GitFlow best practices**.
- Designed and implemented a user-friendly UI with **Figma** and **Jetpack Compose**, leveraging Android layout design principles for a polished and functional interface.

### **HoH+ (Flutter)**

06/2025

*RV AI Companion*

- An **AI Chatbot** and Trip Planner for RV enthusiasts.
- Built a **custom navigation system** that routes trips based on the RV's dimensions to avoid low-clearance bridges.
- Implemented **subscription plans** to unlock premium AI features.

### **Food Ninja (Flutter)**

2024

*Food delivery*

- A Flutter-based healthy food delivery app, using **BLoC state management**, **GoRouter**, and **GetIt**, following **clean architecture** for scalability and maintainability, while following the **GitFlow best practices**.
- Integrated **Firebase**, **Google Sign-In**, and **Paymob Payment Gateway** for secure authentication, user data management, and payment processing.

## LANGUAGES

**Arabic** — Native

**English** — Fluent