

Mai Samir

Android Developer

mai.samir.mohammad@gmail.com | +20 1222378453 | [LinkedIn](#) | [GitHub](#) | Cairo, Egypt (relocatable)

Summary

Android Developer skilled in building modern, high-quality mobile apps using Kotlin, Jetpack, and Clean Architecture. Experienced in MVVM, MVI, Compose, and Agile development practices.

Passionate about crafting scalable, user-focused solutions with clean, maintainable code.

Experience

Android Developer Intern at *SolutionPlus*

Dec 2024 – Apr 2025

- Learned the basics of Android development and Clean Architecture by working on various tasks.
- Worked with a team to build a visa buying/selling app as a simulation of a company product.
- Took a leadership role in the second phase of the project, following Agile methodologies.
- Conducted code reviews and managed the development process using Git Flow.
- Developed 4 main screens: Configuration, Show Profile, Home Screen, and Change Language.

Projects

AlTasherat App – (*private repo*) *SolutionPlus Internship*

A visa buying/selling app developed as a final/graduation project.

- Applied Clean Code, SOLID principles, Clean Architecture, and Exception Handling.
- Applied MVI architecture, Dependency Injection with Hilt, and Material Design.
- Used Git for version control and GitLab for code collaboration

Gallery – (*side project*) GitHub Repo: <https://github.com/maiSamirMohammad/Gallery>

An android app that displays the user's gallery from an API and the favorite photos from a local storage.

- Used Kotlin Flow with Coroutines for smooth UI updates and handling asynchronous data.
- Applied Navigation Component for single-activity architecture.
- Followed Clean Architecture and MVVM to improve code maintainability and scalability.

Delicious Dish – (*ITI project*) GitHub Repo: <https://github.com/maiSamirMohammad/FoodPlanner>

Food Planner helps the user plans his weekly meals, suggesting meals and searching for a specific, save favorite meals.

- Built using Room and Retrofit with RxJava for efficient data and network handling.
- MVP Architecture Applied to organize code and separate concerns.
- Trello is used to manage tasks and collaborate with the team.

Mameto – GitHub Repo: <https://github.com/maiSamirMohammad/Mameto>

A native Android Mobile application that includes parents' community, kids specialists, and kids' area ads

- Integrated Firebase Firestore for real-time data management.
- Used Firebase Auth for secure user authentication.
- Stored and managed images using Firebase Storage

Skills

- **Languages:** Kotlin, Java, C++
 - **Version Control:** Git, GitHub, GitLab
 - **Android Development:** Android SDK, Jetpack Components (LiveData, Navigation, Room, Jetpack Compose)
 - **Architecture Patterns:** MVP, MVVM, MVI, Clean Architecture
 - **Asynchronous Programming:** Kotlin Coroutines, Kotlin Flow
 - **Dependency Injection:** Hilt (Dagger Hilt)
 - **Networking:** Retrofit, RESTful APIs
 - **Data Storage:** Room, DataStore
 - **Firebase:** Firestore, Firebase Auth, Firebase Storage
 - **Principles & Patterns:** OOP, SOLID Principles, Design Patterns
 - **Testing:** Unit Testing Libraries (Mockito, Turbine)
 - **Basic knowledge:** CI/CD (Fastlane, Firebase App Distribution, CircleCI)
-

Education

Information Technology Institute (ITI) 9-month training

Native Mobile Application Development Track

Oct 2022 – Jul 2023

Alexandria University

B.Sc. in Business, Management Information Systems (MIS), English Section, Faculty of Business

- **Accumulative Grade:** Very Good

Oct 2018 – Jun 2022

Technical Articles

- Medium: [CI/CD in Android](#)
 - LinkedIn: [MVI in Android](#)
-

Volunteering

Google Developers Group (GDG) Alexandria – PR

Alexandria, Egypt

Aug 2024 – Dec 2024

- Found new speakers and partners for events.
 - Managed relationships with speakers and partners.
 - Help promote and organize events.
-

Languages

- **English:** B2 Upper Intermediate
- **Arabic:** Native