

Mahmoud Hamdy

Android Developer

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Summary

A passionate Android Developer Skilled in Kotlin, and Android Jetpack libraries, I have developed and maintained many apps. I had the chance to optimize and scale them and deliver testable, maintainable, and stable features.

Experience

Coding Site company (Flutter Developer) • Worked with a team of developers to build high-quality products (11/2023 – Current)

Projects

- Smart Student
 - Educational platform in Kuwait
 - 3 Applications ([Students](#) – [Teachers](#) - [Delegates](#))
 - [Google Play](#) – [App Store](#)
- Gado Store
 - E-commerce app of engineering tools
 - [Google Play](#) – [App Store](#)
- Fridge
 - Helps the fridge owner to organize his clients and products in his fridge
 - [Google Play](#) – [App Store](#)

Internships

Information Technology Institute (ITI) - [Certificate](#) (07/2023 – 11/2023)

Intensive Code Camp - Mobile Application Development for Android Track

Education

Udacity – [Certificate](#)

Mansoura University – Computer Science and Control Systems Engineer (10/2014 – 06/2019)

Grade : Very Good

Graduation Project : **Smart Learning** (Grade – Excellent)

- Facilitate communication between the teacher and his/her students
- Chat, do quizzes, download Lectures, and more
- *Technologies used:* Firebase Auth, Realtime, Storage and FCM
- [Google Play](#) - [GitHub](#)

Freelance Project

Agrican • Assist the farmer in managing his crops. (06/2023 – 07/2023)

- *Technologies used:* Jetpack Compose – MVVM – Paymob Api – Coroutines – Kotlin flows – Retrofit – Coil – Hilt

Personal Projects

Shopify

- E-Commerce Application that presents products from different vendors and enables the authenticated users to add/remove products to/from their shopping carts and complete the whole shopping cycle online through the app.

- [GitHub](#)

Weather Forecast

- Shows the weather in your location or chosen location using open weather map API
- Tools used: MVVM architecture pattern - Google Maps API – Alarm manager – Work manager – Material Design 3

- [GitHub](#)

Food Planner

- Allows users to plan their meals for the week and easily find recipes based on their preferences
- Used Api: [themealdb](#)

- Tools used: MVP architecture pattern – Rx Java – Room – Retrofit – Glide – RecyclerView - Material design 2 – Firebase Authentication – Firebase Firestore – Lottie Animations – Navigation components

- [Google Play](#) - [GitHub](#).

TheMovieDB

- Discover new movies and TV shows from The Movie Database API

- [Google Play](#) – [GitHub](#)

Chat App

- One to one chat app.
- Technologies used: Jetpack Compose, Firebase Auth, Firestore, Storage and FCM

- [GitHub](#).

Skills

- Java – Kotlin – C – C++ – Dart – Flutter
- OOP – SOLID Principles – Data Structures – Algorithms – Problem Solving
- Android SDK – XML – Jetpack Libraries – Dependency Injection – Dagger Hilt – Koin – Firebase – Google Maps – REST APIs – Retrofit – Coil – Coroutines – Flow – Material Design – Unit Testing – View Binding – Data Binding
- Architectural Patterns (MVP – MVVM – MVI) – Design Patterns – Clean Architecture
- Git – GitHub

Soft Skills

- Hard Working
- Multi Tasking
- Team Work
- Communication Skills
- Public Speaking
- Presentation Skills

Languages

- Arabic
- English

Personal Information

- **Nationality:** Egyptian.
- **Date of Birth:** 13/07/1996.
- **Military Service:** Completed (05/2020 – 10/2022)