Mariam Mohamed Gamal

Passionate and detail-oriented Android developer with hands-on experience building applications using Kotlin and Java. Skilled in designing clean UI flows, managing app architecture through MVVM, and ensuring smooth user experiences in both online and offline scenarios.

+(20)1065597793·

mm5253@fayoum.edu.eg

Fayoum-Egypt

EDUCATION

Fayoum University
Computer Science | 06/2025

- B.S. in Computer Science. GPA: 3.45
- Achieved Courses: Object-Oriented Programming, Data Structures, Algorithms Design and Analysis, System Analysis And Design ,Operating Systems, Database Management Systems, Computer Architecture, Embedded System, AI, Big Data, Image Processing, Network 1&2, Cloud computing, Parallel computing, Software testing, Machine learning, Compiler,   Database administration, Cyber security,

---

PROFESSIONAL EXPERIENCE

Fayoum ICPC Community	Oct 2022 - Mar 2023
Member	
GDSC Community : Kotlin	Nov 2023 – Mar 202
Member	

Professional Trainings/ Professional Courses

The Information Technology Institute (ITI) Development Mobil Application Using Java (Online): - Completed 120 hrs of Technical training	Jul 2024
The Information Technology Institute (ITI) Android Application Development with Kotlin (Online): - Completed 120 hrs of Technical training	Sept 2024
University Center For Career Development (UCCD) Employability Skills Training - Completed 40 hrs of Technical training	Apr 2024
The Information Technology Institute (ITI) Internet of Things (Online&offline) - Completed 30 hrs of Technical training	Jan 2024

PROJECTS (team work)

Shop Verse (Android Kotlin)   Nov 2024

- product management app that helps users browse, search, and interact with products.

Rafiq (Android Kotlin)   Current

- developed an Android application in Kotlin as part of a smart glasses system for the visually impaired. The app connects to the glasses via Bluetooth to receive and display images from an ESP32-CAM to save contacts, and handle emergency calls.

Notes (Android Java)   Aug 2023

- A to do list applicatioin to create, retrive, update, and delete notes

Restaurant website (html & css)   Dec 2022

- Created Restaurant website that show s menu , makes order, book table, write s feedback

Sound signal program (matlab)   Dec 2022

- Created Sound signal program that can preform the operation using signals of sound to generate beep sound, generate random white noise, read an audio file and play it, add noise to file, record the audio signal and write it in disk, increase/decrease volume, increase/decrease speed, echo the audio, remove noise from audio and subtract and multiply two signal and plot the audio signal subplot and GUI.

Library Files (file organization & c++)

- Created Library file System that allow to add, search, update, delete books and show sales by admin
- Created Library file System that allow to search books and make order by user

Flash Delivery (.net core MVC)   Dec 2023

- Flash is a web-application that connects you with a diverse range of restaurants , offering a seamless way to order and enjoy delicious meals from the comfort of your home

AWARDS & CERTIFICATIONS

ITI

✧ Android Application Development with Kotlin

✧ Development Mobile Application Using Java

✧ IoT

TECH SKILLS

✧ Git

✧ MVVM

✧ Dependency injection using Hilt

✧ Kotlin

✧ Java

✧ Retrofit

✧ Room

✧ SQLite

✧ OOP

✧ Coroutines

✧ Graphic designer