

Gamalaldin Ibrahim

Mobile Application Developer

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Personal Profile

Results-oriented **Software Engineer and Mobile Developer** with a proven record of delivering high-quality **mobile applications** from concept to launch. Experienced in turning ideas into intuitive, reliable, and scalable solutions that meet both user needs and business goals. Known for **problem-solving**, **teamwork**, and delivering projects on time with exceptional attention to detail. Passionate about building mobile experiences that truly make an impact.

Technical Skills

Programming languages	Kotlin, Java, Dart, Python, C++
Programming knowledge	OOP, OOD, Data structures, Algorithms, SOLID Principles
Frameworks & tools	Android, Flutter, Android studio, Firebase, Postman
Version Control	Git, GitHub
Other	REST APIs, SQLite, JSON, MVVM, MVI, MVC, Clean Architecture

Experience

Android Developer – ITI Summer training (AUG – SEP 2023) - Developed and optimized Android apps using Kotlin and Java. - Integrated REST APIs and implemented offline caching with Room. - Worked in Agile teams to deliver projects within deadlines.

Android Leader at Open-source community (OSC) Zagazig University (Nov 2024 - Mar 2025)

Mentoring students in Android development | Organizing hands-on Android workshops.

Education

B.Sc. in Computer Science – Zagazig University (OCT 2021 - JUL 2025)

- GPA: 3.11/4 (Very good)
 - Graduation Project: 4/4 (High distinct)
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Skills

- Logical thinking
 - Project management
 - Oral and written communication
 - Problem Solving
 - Self-learning
 - Time management
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Languages

- **Arabic** (Native speaker)
- **English** (Fluent)

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Projects

SafeGo – AI-Based Driver Monitoring System

smart and modular application built to improve road safety by monitoring driver behavior using AI. It detects drowsiness, distraction, and over-speeding in real-time using facial analysis and GPS data. The system alerts the driver instantly and logs events, ensuring safer and more controlled journeys.

Tech: Android, Kotlin, CameraX, TFLite, Retrofit, Shared Pref, Room, NodeJS API, Google Map APIs.

Possible - Learning App for Children with Learning Difficulties

An AI-powered app to help children with Dyslexia, Dyscalculia, and Dysgraphia learn easily, This is a multi-role app which consists of roles like parent, specialist, Child accounts

Tech: Android, Kotlin, Room, Retrofit, Canvas, speech to text API, Shared Pref, Flask & Dotnet APIs.

Derma Scan – AI-powered skin disease detection app

Capture an image, analyze skin conditions, and get instant insights on symptoms, treatment, and safety—all offline. **Tech:** Android, Kotlin, XML, CameraX, TFLite.

A comprehensive Islamic app offering the full Quran with **Tafsir**, **bookmarks**, **search**, **sharing** as **text or images**, **Islamic radio** streaming, and **downloadable surahs**. Includes categorized **Azkar with audio**, **favorites** for quick access, and customization options like dark mode and font resizing. **Built with:** Kotlin, XML, Coroutines, Room, Retrofit, MVVM, and JSON handling.

Extracurricular Activities

Public Relations Member – Google Developer Student Club (GDSC) Mar 2023 – Mar 2024

- Managed outreach for GDSC events.
- Boosted engagement in tech workshops & hackathons.

Head of the Arts Committee - Student Union DEC 2022 - DEC 2023

- Organized artistic & cultural events.
- Promoted student participation in creative activities.