Abdelrhman Kamal Flutter Developer | Mobile App Developer

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abdelrhman99kamal Portfolio

Profile

Flutter Developer building cross-platform apps with Clean Architecture and BLoC/Cubit. Delivered two graduation projects: a computer vision parking system (**1st** place, IoT & Embedded Systems Competition) and Khedma, a service marketplace app backed by a **60,000** EGP ASRT development grant. Developed 4+ applications integrating Firebase, REST APIs, and real-time data. ICPC NATU mentor and GDG Flutter team lead, with a **90.92%** cumulative average at NATU.

Projects

Sanad (Service Booking Platform) – DEPI Graduation Project Jan 2026 – Jul 2026
Cross-platform app connecting clients with helpers, built with Clean Architecture. Engineered an automated Firestore-driven task progress system and a chat active only during ongoing tasks.
- **Technologies:** Flutter, Dart, Clean Architecture, Cubit/BLoC, Firebase (Firestore, Auth, FCM), GetIt, GoRouter, Node.js (Vercel), ImgBB API

Khedma (Smart Service Platform) - Graduation Project (Year 4) Oct 2025 – Jun 2026
Developed a scalable cross-platform application connecting users with service providers. Focused on maintainable architecture and collaborating with UI/UX designers to implement pixel-perfect, responsive interfaces.
- **Technologies:** Flutter, Dart, Clean Architecture, Cubit/BLoC, Firebase, Supabase, Figma.
- **Achievement:** Awarded a **60,000** EGP development grant by the Academy of Scientific Research & Technology (ASRT) to accelerate market launch.

Vision-Based Automated Parking System - Graduation Project (Year 2) Feb 2024 – May 2024
AI system detecting parking spots in real time using computer vision, with a Flutter mobile interface.
- **Technologies:** Python, OpenCV, Flutter, Dart, Firebase
- **Achievement: 1st place** - IoT & Embedded Systems Competition (Assiut Universities)

Education

Bachelor's Degree in Information Technology – Software Development Major Oct 2022 – Jun 2026
New Assiut Technological University (NATU) Faculty of Industry and Energy Technology
Final Cumulative Average: **90.92% |** Ranked: **5th** in Department **|** Graduation Project Grade: **Excellent**
Graduation projects completed at the end of Year 2 and Year 4 (2+2 program structure).

Skills

Programming Languages: Dart, C++, Java

Mobile: Flutter, BLoC/Cubit, Clean Architecture, Provider, Responsive UI

Backend & Storage: Firebase, Supabase, SQLite, Hive

Networking: REST APIs, Dio, http

Soft Skills: Problem Solving, Leadership, Teamwork, Communication

Tools: Git, GitHub, Postman

Certificates

Cross Platform Mobile App Development, Digital Egypt Pioneers Initiative (DEPI) Nov 2025 – Jul 2026

Sprints x Microsoft Summer Camp - Mobile Development, Sprints & Microsoft Oct 2025 – Nov 2025

Complete Flutter & Dart Development Course, Udemy Sep 2025 – Oct 2025

Mobile Development By Flutter, Sprints Jun 2025 – Jul 2025

The Fundamentals of Problem Solving Training (C++), ABCL Academy Sep 2024 – Nov 2024

Mobile Application Development with Flutter, Creativa Innovation Hub Jul 2024 – Aug 2024

Volunteering

Google Developer Groups (GDG) Assiut, Organizing Committee (OC) member Oct 2025 – Present | Assiut
Contributed to organizing tech events and community initiatives.

Google Developer Groups (GDG) on Campus - Assiut University, Head Flutter Team Oct 2024 – Oct 2026 | Assiut
Collaborate with the Flutter team to build projects and share knowledge within the tech community

ICPC NATU Community, Vice Leader, Instructor & Mentor Nov 2024 – Feb 2025 | Assiut
Led programming workshops, training students in algorithms and mentoring juniors.