

Abdelrahman Khalil

Flutter Developer — Mobile Software Engineer

+201028925868

✉ abdelrahmanabdelrahman2003@gmail.com

🌐 [abdo-khalil-0ab3b2261](https://www.linkedin.com/in/abdo-khalil-0ab3b2261)

🔗 [1-abdelrahman-khalil-1](https://github.com/1-abdelrahman-khalil-1)

Education

Higher Technological Institute, 10th of Ramadan City

Bachelor's Degree in Computer Science (Grade: B-)

2022 – 2026

10th of Ramadan City, Egypt

Projects

BooklyX (Graduation Project A+) | Flutter, Node.js, MySQL, Riverpod

🔗 BooklyX

- Architected and developed a multi-role booking management platform with dedicated Client and Staff applications using Flutter, Riverpod, and AutoRoute.
- Designed and implemented the backend using Node.js, Express.js, and MySQL, building RESTful APIs for authentication, appointment scheduling, staff management, and business operations.
- Integrated the Flutter application with backend APIs while collaborating within a full-stack team to deliver a modular and scalable booking management system.

EVA Ecosystem (Freelance) | Flutter, Riverpod, AutoRoute

🔗 EVA Ecosystem

- Developed a modular healthcare ecosystem consisting of Client, Doctor, Hospital, and Store applications using a shared Flutter codebase.
- Implemented role-based workflows using Riverpod, AutoRoute, and reusable application modules across interconnected healthcare applications.
- Maintained a shared architecture through reusable UI components, localization, and standardized API integration patterns.

HRZZ Mobile (Freelance) | Flutter, Riverpod, AutoRoute

🔗 HRZZ Mobile

- Developed a healthcare application with dedicated practitioner and supervisor experiences using a feature-first modular architecture.
- Implemented incident reporting, quizzes, knowledge center, analytics, and reporting modules using Riverpod and AutoRoute.
- Built reusable application infrastructure, centralized state management, and modular service layers to improve scalability and maintainability.

Akhi Go (Freelance) | Flutter, Riverpod, Socket.io

🔗 Akhi Go

- Developed a dual-role delivery marketplace connecting senders and carriers through dedicated workflow experiences.
- Integrated Socket.io and Firebase Cloud Messaging to deliver real-time shipment updates and delivery notifications.
- Implemented Riverpod-based state management for shipment tracking, delivery workflows, and asynchronous application state.

Fruits Hub | Flutter, Supabase, Cubit, MVVM

🔗 Fruits Hub

- Developed a grocery e-commerce application using Flutter and Supabase, implementing the MVVM architecture and Repository Pattern.
- Integrated Supabase Authentication, Database, and Storage services while managing application state with Cubit.
- Built a companion Flutter Admin Dashboard for product management, catalog updates, and image uploads using Supabase Storage.

Space Explorer | Flutter, REST APIs, Cubit

🔗 Space App

- Developed a Flutter application that displays space-related news and content using NASA REST APIs.
- Implemented Cubit for asynchronous state management and responsive UI updates.
- Built a reusable networking layer with robust error handling and external URL integration.

Technical Skills

Programming Languages: Dart, JavaScript, Python, C++

Mobile Development: Flutter, Riverpod, Cubit, AutoRoute, Dio, GetIt, MVVM, REST API Integration, Socket.io

Backend Development: Node.js, Express.js, MySQL, RESTful APIs, Authentication & Authorization

Architecture & Design Patterns: Repository Pattern, Feature-First Architecture, Modular Architecture, Clean Architecture, SOLID Principles, Object-Oriented Programming (OOP)

Databases & Services: Supabase, Firebase Cloud Messaging, SharedPreferences, Sqflite, Dartz

Developer Tools: Git, GitHub, Postman, Apidog, Trello

AI-Assisted Development: Stitch AI, Prompt Engineering, AI-assisted debugging, code generation, and software design

Other: Data Structures & Algorithms, Competitive Programming, Debugging, Performance Optimization

Extracurricular Activities

Programming Mentor – 10th of Ramadan Community & Thebes Community

2023 – 2025

- Mentored first-year Computer Science students in foundational programming and problem-solving concepts utilizing C++.
- Delivered training sessions covering data structures, functions, arrays, strings, loops, and algorithmic thinking fundamentals.
- Guided students through beginner-level coding challenges while improving logical reasoning and debugging approaches.
- Supported community-led technical activities and contributed to peer-learning environments over a two-year mentoring period.

Languages

Native: Arabic

Good: English (B1)