Khaled Badr Hassan

Flutter Developer | Mobile Software Engineer

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Zagazig, Sharqia, Egypt

I'm a Flutter developer capable of turning business ideas into scalable, high-quality apps using various architectures. I work effectively in teams, follow best practices, and continuously learn new technologies.

Education

Student at Faculty of computers and informatics zagazig university, Zagazig - sharqia

October 2022 - Present

Grade: B

Expected Graduation: July 2026

Skills

Flutter Development & Architecture: Cross-platform apps with Flutter using Clean Architecture, MVVM, Bloc (Cubit), GetIt, and version control tools (Git/GitHub).

Networking & Data Storage: Dio, Retrofit, Freezed, Firebase (cloud), Hive (local), error handling with interceptors.

Core Programming Knowledge: Strong in OOP, SOLID principles, DSA, with C, C++, Dart.

Projects

Fruits Hub - E-commerce App • ↗

Built a scalable e-commerce app in Flutter implementing core features like cart, checkout, and payment, applied Clean Architecture with Bloc, Get_it for maintainable flows, integrated Firebase (Auth, Firestore) and Dartz for secure data handling, optimized UX with ScreenUtil, skeleton loading, image caching,

Fruits Hub Dashboard • ↗

Built an admin dashboard for Fruit Hub using Flutter to add products and track orders, applied Bloc, Get_it with a Clean Architecture for scalable flows, integrated Supabase and Firebase for backend services, real-time data, and media handling, optimized UX with ScreenUtil, skeleton loading, cached images.

DocDoc – Medical Consultation Flutter App • ↗

Developed a cross-platform healthcare app using Flutter with a clean, maintainable structure. Implemented secure authentication and efficient API integration using Dio and Retrofit. Enhanced performance and user experience with responsive design and smooth interactions.

Bookly App – MVVM Flutter Application • ↗

I built a scalable book discovery app using Flutter with a clean and predictable architecture. I integrated APIs, managed state efficiently, and optimized navigation and dependency management. I also enhanced the UI/UX with responsive layouts, smooth performance, and interactive features.

NASA Machine Learning App • ↗

I developed the NASA Machine Learning App's entire network layer, including all API integrations, optimization, and Dio setup. I also built and structured all feature layers to ensure clean architecture, scalability, and efficient data flow across the app.

Languages

Arabic - Native

English - Proficient

Certificates

Complete Flutter & Dart Development Course from Udemy
Flutter Advanced Course Bloc and MVVM Pattern from Udemy
Summer Code Camp - Mobile Using Flutter from ITI - Information Technology Institute (Zagazig)