

# Youssef Adly Nady Botros

## Flutter Developer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

### SUMMARY

Information Systems fresh graduate (Class of 2026) and Flutter Developer experienced in building production-ready mobile apps with Clean Architecture and BLoC. Led the Flutter team behind Qanouny, an AI-powered legal services app named a Top Project in Egypt's Digital Egypt Pioneers Initiative (DEPI), and built PlantLife, a smart IoT & AI plant care system, as a graduation project. Skilled in REST APIs, Firebase, and payment integration.

### TECHNICAL SKILLS

**Languages & Frameworks:** Dart, Flutter

**Architecture & Patterns:** Clean Architecture, MVVM, MVC, SOLID Principles, Dependency Injection

**State Management:** BLoC, Cubit, Provider

**Backend & Integration:** RESTful APIs, Firebase (Authentication, Firestore, Cloud Storage), Payment Integration (Stripe, PayPal)

**UI/UX:** Responsive & Adaptive Design, Material Design

**Tools:** Git, GitHub, AI-Assisted Development Tools

### EXPERIENCE

#### Flutter Development Intern — Digital Egypt Pioneers Initiative (DEPI)

Jun 2025 – Dec 2025

Remote | Government-backed national tech talent program

- Led the Flutter team in developing **Qanouny**, a cross-functional legal services app built with AI and Data Engineering teams — selected as a **Top Project** of the initiative and recommended for further development.
- Built scalable Flutter applications applying **Clean Architecture, BLoC state management, REST APIs, and Firebase**, following secure deployment and Git/GitHub collaboration practices.
- Ranked **2nd place in the Freelancing Track** within my group and earned a recognition certificate from El-Hareefa Company.
- Delivered a project for a **live client** through the Kafail freelancing platform, managing requirements, communication, and delivery end-to-end.

### PROJECTS

#### Qanouny — Legal Services Mobile App (Team Lead, Flutter)

Top Project, DEPI Round 3 | [GitHub](#)

- Developed a mobile app enabling users to access legal information, submit inquiries, and interact with an **AI-powered legal assistant**.
- Coordinated Flutter development with **AI and Data Engineering teams**, integrating REST APIs and managing app state with BLoC under a Clean Architecture structure.

#### PlantLife — Smart IoT & AI Plant Care System

Graduation Project | [GitHub](#)

- Built an **Arduino & ESP32-CAM** system for real-time plant vitals tracking and **AI-driven disease diagnosis**.
- Developed a mobile app feature that generates **comprehensive treatment plans** and tracks recovery progress until full plant rehabilitation.

#### DocDoc — Doctor Booking App (Clean Architecture)

Personal Project | [GitHub](#)

- Built a Flutter app fully structured with **Clean Architecture**, applying layered design, dependency injection, and best practices for testable, maintainable code.

### EDUCATION

#### B.Sc. in Information Systems — Beni-Suef University

Class of 2026

Faculty of Computers and Artificial Intelligence | GPA: 3.06 / 4.0

### CERTIFICATES

#### [Digital Egypt Pioneers Program \(DEPI\) — Cross-Platform Mobile App Development](#)

[Deep Dive into Clean Architecture in Flutter](#) | [Flutter Payment Integration: Stripe, PayPal & More](#)

[Flutter Advanced Course: BLoC & MVVM Pattern](#) | [Complete Flutter & Dart Development Course](#)

[Mastering Flutter: Responsive & Adaptive UI Design](#) | [Master Git & GitHub: Essential Skills for Developers](#)

**Languages:** Arabic (Native) | English (Professional) **Military Service:** Exempt | Available Immediately