

Ahmed Mohamed Farouk

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SUMMARY

Passionate Computer Science student and Flutter Developer with real-world experience in delivering production-level mobile applications. Skilled in building scalable, cross-platform apps using modern state management (BLoC, Cubit, Provider) and integrating RESTful APIs with Firebase and SQL. Experienced in Agile development, CI/CD pipelines (Codemagic, Xcode), and environment configuration using Flavors. Proficient in app quality monitoring with Firebase Crashlytics and collaboration tools like Jira. Dedicated to writing clean, maintainable code and continuously improving mobile app performance and user experience within innovative engineering teams.

SKILLS

Mobile App Development : Flutter, Dart, BLoC, Cubit, Provider, Firebase, REST APIs, MVVM ,GetX

Payment Getway: Stripe, PayPal Integration

In-App Purchases: RevenueCat

Programming Languages : Dart, Java, C++, Python, C#, Kotlin, HTML, CSS

Web & Backend : ASP.NET Core MVC, SQL Server, Hive, Firebase Realtime DB

DevOps & CI/CD: CI/CD Pipelines, App Flavors Configuration

Tools & Platforms : VS Code, Android Studio, Xcode, Git, GitHub, Postman, Firebase Jira, Codemagic, Firebase Crashlytics

UI/UX & Design : Figma, Adobe XD

Soft Skills : Teamwork, Leadership, Adaptability, Problem-Solving

Languages : Arabic (Native), English (Excellent)

WORK EXPERIENCE

Flutter Developer at MD-Labs

Aug2025-present

- Developed scalable mobile applications using Flutter and Dart
- Applied Clean Architecture principles for maintainable and testable code
- Followed Agile methodology (Scrum) in a collaborative team environment
- Implemented state management using GetX and Cubit

Flutter Committee Member & Technical Mentor

April 2025 – Aug2025

DSC – Cairo University

- Conducted training workshops on Flutter development for student developers.
- Provided technical mentorship and project guidance to junior mobile devs.

Mobile App Developer Intern

Oct 2024 – May 2025

DEPI

- Developed Android apps using Flutter, integrated RESTful APIs, and managed state using BLoC.
- Collaborated in an agile team to deliver production-ready mobile features.

Full Stack Developer Trainee

Sep 2024

ITI Summer Training

- Received training in ASP.NET Core, front-end and back-end concepts.

Digital Transformation Intern

Aug 2024

CIB – Commercial International Bank

- Trained in cybersecurity, data literacy, and banking technologies.

PROJECTS

MD-HR System App | [Ios](#) | [Android](#)

MD-HR System is a mobile app for MD-Labs employees to easily manage HR tasks like pay slips, leave, and requests with a secure and user-friendly interface.

Rased Al-Halaqat App | [Ios](#) | [Android](#)

Rased Al-Halaqat App is a mobile app that helps Quran teachers manage classes, track attendance, assess memorization, and monitor student progress efficiently.

FruitsHub – E-commerce App | [GitHub](#)

Built a shopping app with cart, checkout, and admin dashboard.

Security App (Graduation Project) | [GitHub](#)

AI/ML, Computer Vision

- Real-time violent activity detection using mobile camera feed and ML model.

Care Trace App (DEPI Graduation Project)

- A medical app for appointments, records, and communication between doctors and patients.

Bookly App | [GitHub](#)

- Created a book browsing app with search, reading features, and state management.

Chat App | [GitHub](#)

- Developed a real-time messaging app with support for image sharing and text chat.

Technical Books Reading

-the-object-oriented-thought-process-5ed

EDUCATION

Bachelor of Computer Science

2021 – 2025

October 6 University – Faculty of Computer Science

Giza, Egypt