

Amr Fathy Elsherif

Mobile Software Engineer

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PROFESSIONAL SUMMARY

Detail-oriented **Junior Mobile Software Engineer** and Electronics & Communications Engineering student with expertise in building cross-platform apps using **Dart** and **Flutter**. Proficient in **Clean Architecture**, **Firebase** integration, **REST APIs**, and **IoT** systems. Effective team coordinator experienced in delivering **scalable MVP** products and organizing cross-functional teams to drive impactful software solutions.

TECHNICAL SKILLS

Mobile & Software Development: Flutter, Dart, Android, iOS.
Concepts & Architecture: Clean Architecture, UI/UX, State Management, REST APIs, JSON, Analytics.
Backend & Databases: Firebase (Auth, Firestore, Realtime DB), SQLite.
Tools & Version Control: Git, GitHub, VS Code, Android Studio, AI Tools (Gemini, Vercel).

PROJECTS

- DevSync (AI Developer Matching MVP)** | *Flutter, Firebase, REST APIs* | [\[GitHub\]](#)
- Led a 5-member team to architect a scalable platform, enforcing clean code and Git version control.
 - Integrated Firebase (Auth, Firestore) and REST APIs for real-time data sync and AI-driven algorithms.
- WeatherLink (IoT Smart Environment Ecosystem)** | *Flutter, Dart, C++, ESP32-S3, Blynk API* | [\[GitHub\]](#)
- Architected a scalable IoT dashboard using **Clean Architecture** and **BLoC** for real-time sensor polling.
 - Engineered a high-performance **Bento Grid UI** with custom-painted charts and optimized Glassmorphism.
 - Integrated bi-directional **ESP32-S3** sync via **Blynk REST APIs** with an Auto/Manual override.
- DEPI Training Portal** | *Vanilla JS, Tailwind, Google Sheets API* | [\[GitHub\]](#) | [\[Live\]](#)
- Developed a dynamic roadmap repository for 20+ trainees using Google Sheets as a real-time headless CMS.
 - Engineered a responsive, Cyberpunk-themed UI utilizing glassmorphism and custom interactive animations.
- Flutter-Dart Specialization (In Progress)** | *Provider, SQLite, Firebase, JSON* | [\[GitHub\]](#)
- Building apps (Movie App, Book Tracker) using Provider, JSON, and data persistence.

WORK EXPERIENCE

- Mobile App Developer Intern & Team Leader** Nov. 2025 – Apr. 2026
Digital Egypt Pioneers Initiative (DEPI) Alexandria, Egypt (Hybrid)
- Coordinated 20+ trainees, optimizing task tracking and ensuring timely, successful project completions.
 - Developed responsive Flutter apps with Firebase backend integration.
 - Mentored peers on Git/GitHub and Provider state management, improving team code quality.

EDUCATION

- Damanhur University, Faculty of Engineering** Aug. 2022 – May 2027 (Expected)
Bachelor's Degree in Electronics and Communications Engineering | **GPA: 3.48/4.0** Damanhur, Egypt

CERTIFICATIONS

- Forward Program (Core Skills Level)** | *McKinsey & Company* Expected June 2026
Getting Started with Flutter & Dart (ID: G3TC13R6ZLMO) | *Coursera - Packt* Issued Apr. 2026
Flutter & Dart App Development Specialization | *Coursera - Packt* In Progress

LEADERSHIP & VOLUNTEERING

- Honorary Guest Speaker** | *Creativa Hub Damanhour* Apr. 2026
Volunteer Member | *Resala Charity Organization* Oct. 2019 – Aug. 2020
Lead Organizer | *Community Ramadan Initiative* Jan. 2025 – Apr. 2026

SOFT SKILLS & LANGUAGES

- Soft Skills:** Effective Communication, Problem Solving, Team Coordination, Adaptability, Continuous Learning.
Languages: Arabic (Native), English (Upper-Intermediate).