ESLAM MAHMOUD ABD-ELRAZEK

Flutter Developer | Mobile Applications Engineer

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SUMMARY

Flutter Developer with a background in Mechatronics Engineering. I build scalable, high-performance mobile applications with clean architecture and modern UI/UX.

EXPERIENCE

Junior Flutter Developer — **Nov 2025 – Present**

H Solution — El-Nozha - Cairo

- Developed and published 2 robust applications (**Maysur**, **Free Zone**) to **App Store** and **Google Play**.
- Architected codebases using **Clean Architecture** and the **Bloc pattern** to ensure scalability and testability.
- Integrated complex **REST APIs** and **Firebase** services for real-time data, authentication, and push notifications.

Flutter Developer (Training) — **June 2025 – Nov 2025**

Remote

- Underwent intensive training in **Flutter** and **Dart**, focusing on UI/UX design and state management.
- Built foundational knowledge through hands-on projects and mentorship.

Quality Control & Production Supervisor — **Oct 2022 – Oct 2024**

Armed Forces Plastic Factory — Mansoura, Egypt

- Managed a team of 10+ technicians, achieving **95% safety compliance** and improving operational efficiency.
- Reduced material waste by **15%** and minimized PLC/CNC system downtime by **10%** through proactive technical maintenance.

EDUCATION

B.Sc. in Mechatronics Engineering — **June 2022**

Mansoura University — Mansoura, Egypt

Achievement: Awarded 1st Place in the Mansoura University Robotics Challenge.

KEY ACHIEVEMENTS

Technical Architecture

Implemented **Clean Architecture** and **Bloc** across major projects, resulting in highly scalable and testable codebases.

Operational Efficiency

Reduced material waste by **15%** and minimized system downtime by **10%** through data-driven maintenance.

Academic Excellence

Won **1st Place** in the Robotics Challenge, showcasing expertise in embedded systems and programming.

SKILLS

Dart • Swift • Kotlin • Flutter • Firebase (Auth, Firestore, Storage) • Provider • BLoC • Clean Architecture • MVVM • Git • GitHub • CI/CD (basics) • Generative AI (ChatGPT, Gemini, Antigravity) • Prompt Engineering

PROJECTS

Maysur (Google Play): A complete E-commerce solution connecting buyers and sellers. Technologies: Flutter, Dart.

Free Zone (App Store): Multi-vendor marketplace app for seamless online shopping. Technologies: Flutter, Dart.

E-Commerce App: A feature-rich e-commerce mobile application built with **Flutter**. It demonstrates modern mobile app architecture, clean UI/UX, and scalable state management. Technologies: Flutter, Firebase, Provider, Clean Architecture.

News App: A simple news application built with **Flutter** that displays the latest headlines from various categories. Technologies: Flutter, Dio, Provider, Shimmer.

Weather App: A Flutter project to display weather information, designed with a sleek, modern space theme. Technologies: Flutter, Provider, Geolocator, HTTP.

Movie App: A beautiful, high-performance Flutter application for exploring and discovering movies. Technologies: Flutter, Provider, Transparent Image.

LICENSES & CERTIFICATIONS

The Complete Flutter Development Bootcamp with Dart: Issued by Udemy, Jan 2026.

Advanced Flutter UI and State Management: Issued by Packt, Jan 2026.

Getting Started with Flutter & Dart: Issued by Packt, Jan 2026.

Succeed in the Age of AI: Upcoming, Feb 2026.

Focus: AI tools for coding assistance, effective prompt design, repetitive task automation, and building AI-augmented workflows.

LANGUAGES

Arabic (Native) · **English** (Fluent)