

# Elsayed Kouta

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## Professional Summary

Flutter developer with hands-on experience building mobile applications using Dart and Flutter. Experienced in developing applications published on the store and delivering features through real-world projects. Skilled in API integration, state management, and creating clean, user-friendly interfaces while collaborating effectively with others to produce reliable applications.

## Experience

**Freelance** – Developed an e-commerce tools rental app using MVVM architecture, Cubit for state management, and a fully responsive UI, delivering core features and a smooth user experience.

**Mindset (Training)** – Completed training in Dart, Flutter, state management, and Firebase, strengthening skills in building responsive and efficient mobile applications.

## Technical Skills

**Frameworks & languages:** Flutter, Dart, C++, Java

**Backend & Databases:** Firebase, Supabase, RESTful APIs, Hive, Shared Preferences, sqflite

**Core Concepts:** OOP, Solid Principles, Design Patterns, SQL , Data Structures and Algorithms

**State Management:** Bloc, Cubit

**Architecture & Patterns:** Clean Architecture, MVVM

**Networking:** Dio, HTTP, Retrofit

**Version Control & DevOps:** Git, GitHub, CI/CD (GitHub Actions), Flutter Flavors

**Deployment & Publishing:** Google Play Store deployment, release management

**Soft Skills:** Problem Solving, Team Collaboration, time management.

## Projects

### Marrah wa Tallam – مرح و تعلم (Educational)



- Developed an interactive educational app featuring engaging learning content with text-to-speech for reading and pronunciation. Designed gamified activities to enhance engagement, retention, and skill development. Built entirely offline using **Flutter** and **Dart**, implementing modular architecture, clean code practices, and intuitive

### PageX – Community-driven

- Developing a Flutter mobile app for exchanging, selling, and sharing resources, implementing MVVM architecture with clean code and modular design, integrating Supabase for authentication, real-time chat, and Notifications with FCM, while creating an intuitive UI/UX to enhance user engagement and interaction.

### Agency-Based Car Rental App

[preview](#)

- Built a Flutter car rental app with Supabase, featuring filtered car search, map-based agency browsing, bookings with Stripe payments, favorites, light/dark mode, and geolocation. Implemented Clean Architecture, Cubit state management, GoRouter navigation, and Hive for local caching.

### Location & Face ID Based Attendance App

[preview](#)

- Built a Flutter app with Supabase for secure attendance tracking, incorporating time validation, geolocation (OpenStreetMap), face recognition (Google ML Kit) with landmarks, leave requests, attendance history, user profiles, persistent state management with SharedPreferences, MVVM architecture and Cubit.

## Education

**Bachelor of Computer Science**  
Tanta University | Tanta, Egypt

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