



# Bushra Mahmoud A'mer

Flutter Developer

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## PROFILE

Junior Mobile Developer proficient in Flutter with a strong grasp of Clean Architecture and BLoC/Cubit for state management. Experienced in backend integration using RESTful APIs, Firebase, and Parse Server. Proud creator of 'Mersal', an AI-based sign language translation tool. Eager to join a professional team to build scalable and high-performance mobile applications.

## PROFESSIONAL EXPERIENCE

### EGRONX

09/2025 – 10/2025

Flutter Mobile Developer Intern

Remote

- Integrated RESTful APIs for user authentication and core application features, with a strong focus on clean UI/UX.
- Worked effectively within a large remote development team, mastering professional Git-based collaboration workflows (branching, merging).

### ITargs

07/2025 – 09/2025

Flutter Mobile Developer Intern

On-site

- Focused on Clean Architecture by structuring Domain and Data layers, with scalable state management using BLoC/Cubit and Dependency Injection (DI).
- Integrated backend services using Parse Server for persistence and RESTful APIs for data fetching, leveraging tools like Freezed and AutoRoute.

## EDUCATION

### Akhbar El Yom Academy

10/2021 – 07/2025

Bachelor of Science in Computer Science

6th of October City,  
Egypt

Graduation Project Grade: A+

## PROJECTS

### Mersal

02/2025 – 07/2025

(AI-Powered Sign Language Translator) - Graduation Project

- Led the development of a Flutter app for bidirectional sign language translation, integrating a backend via RESTful APIs and implementing key UX features like camera input and text-to-speech (flutter\_tts).

### Chat App

- Built a real-time chat app with Firebase Authentication and Cloud Firestore.

### App News

- Built a multi-category news app using Dio to fetch articles from a RESTful API, optimizing image loading with cached\_network\_image.

### Weather App

- Built a weather app fetching real-time data via a weather API.

### Notes Application

- Built a local notes app with CRUD operations, leveraging Hive for fast data persistence.

### To-Do List

- Developed a To-Do app using Clean Architecture, integrating Parse Server for data persistence, Freezed for data models, and supporting Anonymous Sign-In.

## SKILLS

### 1. Mobile Development

- Dart, Flutter, Responsive UI, Widgets Lifecycle

### 3. Backend & Storage

- REST APIs (Dio, http), Firebase, Parse Server, Hive, Shared Preferences

### 2. State Management & Architecture

BLoC, Cubit, Provider, setState, Clean Architecture, MVC / MVVM

### 4. Tools & Best Practices

Git, GitHub, VS Code, Postman, Clean Code, Performance Optimization