

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

Flutter Mobile Developer Intern

09/2025 – 10/2025

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

Flutter Mobile Developer Intern

07/2025 – 09/2025

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

Bachelor of Science in Computer Science

10/2021 – 07/2025

6th of October City,

Egypt

Graduation Project Grade: A+

PROJECTS

Mersal

(AI-Powered Sign Language Translator) - Graduation Project

02/2025 – 07/2025

- 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

2. State Management & Architecture

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

3. Backend & Storage

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

4. Tools & Best Practices

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