

Bushra Mahmoud A'mer

Flutter Developer

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PROFILE

Junior Mobile Developer skilled in Flutter, Clean Architecture, BLoC/Cubit, RESTful APIs, Firebase, and Parse Server; creator of 'Mersal', an AI sign language app, eager to build scalable mobile solutions.

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
Graduation Project Grade: A+

10/2021 – 07/2025
6th of October City

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

- Multi-category news app fetching articles via Dio, with optimized image loading using 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

- To-Do app with Clean Architecture, Parse Server for storage, Freezed models, and Anonymous Sign-In.

Language Learning App

- Created a beginner-friendly Japanese learning app with audio-based interaction.

Store App

- egrated with an API to display and edit products with a clean, responsive interface.

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