

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 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
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

- 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

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