

Aser Osama Eid

Junior Flutter Developer | Software Engineer

📍 Damanhour, Beheira, Egypt ✉ aseroofficialacc@gmail.com 📞 +20 103 211 9860

🌐 [linkedin.com/in/asero-osama](https://www.linkedin.com/in/asero-osama) 🐙 github.com/aserosama

Professional Summary

Results-driven **Junior Flutter Developer** with 4+ years of programming experience, specialising in **cross-platform mobile application** development for iOS, Android, and Web. Expert in **Flutter/Dart**, **state management** (Provider, BLoC, GetX, Riverpod), **RESTful APIs**, **JSON data handling**, and **Firebase services**. Proven ability to deliver visually polished and high-performance applications across E-commerce, Finance, and Health domains using Clean Architecture and MVVM patterns. Adept at **app deployment on Google Play and App Store**. Strong **problem-solving skills**, exceptional **attention to detail**, and a genuine **willingness to learn and improve** while thriving in a **team environment**.

Skills

Mobile App Development	Flutter SDK, Cross-platform mobile applications (iOS, Android, Web)
Languages	Dart, C, Python, JavaScript
State Management	Provider, BLoC, GetX, Riverpod
Backend Integration	RESTful APIs, JSON data handling, Dio, Postman
Firebase Services	Firestore, Realtime Database, Authentication, Cloud Storage
API Integration	REST, Gemini AI, RevenueCat, Agora SDK, Payment Gateways
IDEs & Tools	Android Studio, VS Code, Git version control, GitHub
App Deployment	Google Play Store, Apple App Store
Architecture	Clean Architecture, MVVM, MVC
UI Design Principles	UI/UX Principles, Responsive Design, Graphic Design
Testing & Quality	Application performance optimisation, Testing for usability and reliability, Code reviews

Professional Experience

Core Team Member — Flutter Developer

Google Developer Student Clubs (GDSC), Damanhour University

Aug 2022 – Aug 2024

Damanhour, Egypt

- Served as a core technical member focusing on Flutter framework, **mobile app development**, and the Dart ecosystem.
- Delivered workshops on Flutter widgets, Dart principles, and **state management**, demonstrating strong **communication skills** and ability to work in a team environment.
- Conducted **code reviews** and mentored peers, reinforcing **attention to detail** and best-practice architecture.
- Produced and published recorded technical video content to broaden the club's educational reach.

Software Engineering Intern

ALX Africa

4 Months

Remote

- Completed ALX's intensive track covering C, Python, Git version control, problem-solving, and Linux fundamentals.
- Built multiple team-based and solo projects applying real-world engineering practices and **testing for usability and reliability**.

- Strengthened debugging, **application performance optimisation**, and architectural thinking skills.
- Applied these foundations to accelerate growth in Flutter and **cross-platform mobile application** development.

Projects

1. Multi-Restaurant Food Delivery Platform (Winkels)

Technologies: Flutter, Dart, RESTful APIs, JSON data handling, Provider/BLoC, Git version control, Payment Gateways App Store — User App App Store — Restaurant App App Store — Delivery App

- Led complete rebranding of a full-stack food delivery platform across three **cross-platform mobile applications** (User, Restaurant, Delivery).
- Performed **backend integration** of a white-labelled payment gateway ensuring secure, localised transaction processing.
- Refactored core business logic and UI, improving **application performance** and aligning with new business requirements.
- Managed **app deployment on Google Play and App Store** for all three applications, including compliance checks.

2. Cicada Terpene Wheel — Cross-Platform Mobile & Web App

Technologies: Flutter, Firebase services (Firestore, Storage, Auth), RevenueCat, Gemini AI, RESTful APIs App Store — Cicada

- Developed a **cross-platform mobile application** (iOS, Android, Web) for exploring 9,500+ cannabis strains and terpene profiles.
- Built an AI-powered chatbot via the Gemini **API integration** for personalised strain recommendations.
- Integrated RevenueCat for premium in-app purchases and **Firebase services** for secure, scalable authentication and storage.
- Applied **UI design principles** to craft an intuitive interface with attention to usability and responsive design.

3. Auction App (Mazzadat)

Technologies: Flutter, Firebase services, Google Maps API, Agora SDK, Payment Gateways, JSON data handling

- Developed a feature-rich auction platform with **Firebase services** for real-time data management and user authentication.
- Integrated Google Maps **API** for location services; implemented multiple payment gateways for secure **backend integration**.
- Enabled real-time live auction communication using the Agora SDK, optimising for **application performance**.

4. Social App (S-Sort)

Technologies: Flutter, Firebase services (Authentication, Realtime Database), Push Notifications, State Management

- Built a real-time messaging application using **state management** (BLoC) and **Firebase services** for auth and database.
- Implemented group chat, push notifications, and personalised interest categories to enhance user engagement.
- Integrated in-app purchases and conducted thorough **testing for usability and reliability** before release.

Education

Certifications

- **Flutter & Dart — Complete Mobile App Development** | Hassan Falih, Udemy | 2021
- **C Programming, Data Structures, Algorithms & Python** | Gammal Tech | 2020
- **Web Development Foundation** | FWD (Future of Work Development) | 2021
- **Software Engineering Track** | ALX Africa (Computer Science & Software Engineering curriculum)