

ASER OSAMA EID

Software Engineer | Flutter Developer

aserofficialacc@gmail.com | +20 103 211 9860 | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Highly motivated and results-driven Flutter Developer with 4+ years of programming experience, specializing in cross-platform mobile application development. Expert in Flutter/Dart, state management (Provider, BLoC, GetX), and architectural patterns including Clean Architecture and MVVM. Proven ability to deliver visually stunning and robust applications across various domains, including E-commerce, Finance, and Health. Strong foundational knowledge in C and Python.

SKILLS & EXPERTISE

Languages:	Dart, C, Python, JavaScript
Frameworks/Tools:	Flutter SDK, Firebase, Git, Postman, Dio, Web Scraping
Architecture:	Clean Architecture, MVVM, MVC, Provider, BLoC, GetX
Design/Related:	Graphic Design, UI/UX Principles, Video Editing, Responsive Design

PROFESSIONAL EXPERIENCE

Core Team Member, Flutter

Google Developer Student Clubs (GDSC), Damanhour University | August 2022 – August 2024

- Served as a core technical member, focusing on the Flutter framework and ecosystem.
- Conducted regular information sessions and workshops on Flutter development, helping students grasp core concepts like widgets, Dart principles, and state management.
- Produced and published high-quality recorded technical content (videos) to expand the club's online educational reach.

Software Engineering Intern — ALX Africa

4 Months | Remote

- Completed ALX's intensive software engineering track covering C, Python, Git, problem-solving, and Linux.
- Built multiple team-based and solo coding projects using real-world engineering practices.
- Strengthened debugging, testing, and architectural thinking skills.
- Applied these foundations to accelerate growth in Flutter and mobile development.

PROJECTS

1. Multi-Restaurant Food Delivery Platform (Winkels)

Role: Flutter Developer / Mobile App Specialist

Technologies: Flutter, Dart, REST APIs, Provider/BLoC, Git, Payment Gateways

User App Restaurant App Delivery App

- Led the complete rebranding of a full-stack food delivery platform to 'Winkels,' ensuring brand consistency across user, restaurant, and deliveryman applications.
- Integrated a whitelabeled payment gateway to replace or augment the existing system, securing localized and reliable transaction processing.
- Refactored core business logic and user interface (UI) to enhance app performance, improve user experience, and align with new business requirements.
- Managed the successful preparation, compliance, and publication of all three applications on the Apple App Store (iOS) and Google Play Store (Android).

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

Technologies: Flutter, Firebase (Firestore, Storage, Auth), RevenueCat, Gemini (AI Integration)

[View on App Store](#)

- Developed a cross-platform application (iOS, Android, Web) for the exploration and analysis of 9,500+ cannabis strains and their chemical terpene profiles.
- Implemented an AI-powered chatbot using the Gemini API to provide personalized strain and terpene recommendations.
- Integrated RevenueCat to manage premium, one-time in-app purchases, unlocking advanced analytical features.
- Built a secure, scalable backend using Firestore and Firebase Authentication (Google Sign-In, email/password).

3. Auction App (Mazzadat)

Technologies: Flutter, Firebase (Real-time DB, Auth), Google Maps, Agora SDK, Payment Gateways

- Developed a feature-rich auction platform, integrating Firebase for real-time data management and user authentication.
- Integrated Google Maps for precise location services and utilized various payment gateways for secure, in-app transactions.
- Enabled smooth real-time communication during live auctions using the Agora SDK.

4. Social App (S-Sort)

Technologies: Flutter, Firebase (Authentication, Real-time Database), Push Notifications

- Built a real-time messaging application leveraging Firebase's robust features for user authentication and real-time database management.
- Implemented personalized interest categories to tailor the chat experience for users.
- Enhanced user engagement through features like group chat functionality and push notifications.
- Integrated in-app purchases to support monetization strategies.

EDUCATION & CERTIFICATIONS

Associate of Science, Geology/Earth Science, General

Damanhour University | December 2021 – June 2025

- **Flutter Course** (Hassan Falih - Udemy) | 2021
- **C Programming, Data Structures, Algorithms, Python** (Gammal Tech) | 2020
- **Web Development Foundation** (FWD) | 2021