

Assem Ashraf Adel Abu Deif

Senior Flutter Developer | Mobile Software Engineer

Cairo, Egypt | +20 112 552 2530 | assem.abudeif@gmail.com
linkedin.com/in/assemabudeif | github.com/assemabudeif | assemabudeif.com

PROFESSIONAL SUMMARY

Senior Flutter Developer and Mobile Software Engineer with 4+ years of experience building and releasing Android, iOS, and Flutter Web applications. Delivered 14 enterprise ERP applications at SAPTEC, including four built from scratch, and managed end-to-end App Store and Google Play releases. Strong in Flutter, Dart, Riverpod, Bloc, Clean Architecture, REST APIs, and automated testing, with additional full-stack experience in Laravel, Django, React, Next.js, Firebase, and Supabase.

PROFESSIONAL EXPERIENCE

Flutter Developer | Saptec ERP | Dec 2025 - Present | Remote, Saudi Arabia

- Work across 14 enterprise applications; built SAPTEC POS, Approvals, Applications, and Customer Portal from scratch using Flutter and Riverpod.
- Continued development and production delivery for Cash Van, Support, Recycling, Connect, Production, Sales Using Barcode, and Jordan Secret; prepared or completed four React Native releases.
- Implemented ERP and POS workflows covering barcode scanning, pricing, discounts, taxes, payments, returns, inventory, customer credit, permissions, attachments, and session handling through REST APIs.
- Delivered 12 applications for Web, Android, and iOS; delivered Connect and Cash Van for Android and iOS; published all 14 apps to the App Store and 10 Flutter apps to Google Play.
- Managed certificates, signing, provisioning profiles, App Store Connect, Play Console submissions, review issues, and manual builds through Xcode and Android Studio.
- Built unit, widget, and integration tests and used AI Agents to accelerate implementation, test creation, debugging, code review, and documentation.

Full Stack Developer | TIQNIQ.com | Oct 2024 - Nov 2025 | Dokki, Egypt

- Worked across 9 client products in healthcare, e-commerce, B2B, service management, pet care, and fitness.
- Built Laravel backends from scratch and developed the Astar backend with Django, covering MySQL design, authentication, REST APIs, business logic, and production support.
- Built responsive React and Next.js frontends from scratch and integrated them with Laravel and Django APIs.
- Deployed and maintained backend and web applications through cPanel, including environment setup, database connections, and live issue resolution.
- Contributed to Flutter applications within a mobile team and supported selected Google Play and App Store releases.

Flutter Developer, Part Time | Souq Algomlah | Jul 2025 - Sep 2025 | Remote, Kuwait

- Built a wholesale marketplace from scratch using Flutter, Bloc, reusable UI components, and REST API integration; implemented authentication, catalog, search, cart, checkout, payments, orders, notifications, and localization.
- Managed complete Android and iOS builds and published the application on Google Play and the App Store; later returned part-time to deliver updates.

Flutter Developer, Part Time | deepfort | Mar 2025 - Jun 2025 | Remote, UAE

- Architected the Security App from scratch as a Flutter compound management system with separate Security and Resident experiences using Bloc.
- Implemented authentication, visitor access requests, profiles, notifications, compound security operations, and REST API integration.

Mobile Applications Developer | Line Group Go Go Grow | Oct 2023 - Mar 2024 | Maadi, Egypt

- Developed and maintained 8 Flutter applications across new and existing codebases using Bloc and Clean Architecture.
- Integrated REST APIs, built reusable components, resolved production issues, and managed publication of all 8 applications on Google Play and the App Store.

Flutter Instructor | I CAN | Oct 2022 - Sep 2023 | Minya, Egypt

- Trained 8 students across two project-based cohorts covering Dart, Flutter, Bloc, REST APIs, Firebase, debugging, and cross-platform development.
- Mentored application projects through code reviews, troubleshooting, and technical assessments.

TECHNICAL SKILLS

Mobile: Flutter, Dart, React Native, responsive and adaptive UI, localization

State and Architecture: Bloc, Riverpod, Provider, GetX, Clean Architecture, SOLID, MVC, MVVM

Backend and Web: Laravel, Django, REST APIs, React, Next.js, Laravel Blade

Data and Services: MySQL, PostgreSQL, Supabase, Firebase, Firestore, SQLite, Hive, secure storage

APIs and Testing: Dio, Retrofit, HTTP, Postman, unit, widget, integration, and end-to-end testing

Delivery and Tools: App Store Connect, Google Play Console, Xcode, Android Studio, cPanel, Hostinger, Git, GitHub

Additional: AI-assisted development and AI Agents; familiarity with CI/CD and Codemagic.

FREELANCE EXPERIENCE

Mobile and Full Stack Developer | Independent | **2022 - Present** | Project Based

- Build and deliver mobile, backend, and web solutions for clients across commerce, restaurants, education, and service platforms.

TATA Restaurant | Flutter, Riverpod, Clean Architecture, Firebase

- Built complete Customer, Restaurant, and Delivery applications from scratch using Authentication, Firestore, Storage, and Cloud Messaging; published all three on Google Play and the App Store.

FASTER Commerce Platform | Flutter, Supabase, PostgreSQL, Firebase Cloud Messaging

- Building Customer, Merchant, and Admin applications from scratch with shared packages, real-time orders, checkout, coupons, negotiations, delivery, notifications, and role-based access.
- Designed the database, Row-Level Security, migrations, storage policies, server-side order logic, and automated test coverage; the project is in development and release preparation.

Awlad Elewa | Laravel, Blade, MySQL

- Built REST APIs and an Admin Dashboard from scratch and deployed both to Hostinger through cPanel.

Additional Client Applications | Flutter, REST APIs, Android, iOS

- Completed and published INSEP PRO on the App Store; contributed to Elmohager and managed its Google Play and App Store releases.
- Owned Alashanak's Student Module for registration, courses, content, quizzes, exams, and progress tracking, and published it on Google Play; built Up Town Eats from scratch as a Flutter client and published it on Google Play.

PERSONAL PROJECT

Mounis | Flutter, iOS

- Designed, developed, and published a privacy-focused Islamic lifestyle application with prayer times, Quran reading, adhkar, tasbeeh, duas, notifications, and Qibla direction.

EDUCATION AND TRAINING

Bachelor of Computer Science | Faculty of Computers and Information, Minya University | 2019 - 2023 | Graduation Project: Grade A

Full Stack Web Development Using Python | Information Technology Institute | May 2024 - Oct 2024

- Python, Django, REST APIs, React, HTML, CSS, JavaScript, and databases

LEADERSHIP AND AWARDS

Technical Head and Core Team Member | GDG Minya | **Sep 2021 - Oct 2023**

- Progressed from Technical Member and Social Media Member to Technical Head; trained and mentored approximately 15 participants through a Flutter learning group and three technical sessions.
- Earned two Golden Member awards and one Super Golden Member award as an individually recognized top-performing committee member.
- Second Place, Ramadan Challenge by Eng. Tareq Al-Abd | Apr 2023

LANGUAGES AND ADDITIONAL INFORMATION

Arabic: Native | **English:** Intermediate | **Military Status:** Exempted