

AHMED SAMY ZAKY

FLUTTER DEVELOPER

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PROFESSIONAL SUMMARY

Mobile engineer with 3 years of experience designing, building and shipping production-grade Flutter applications. Expert in Dart 3, Flutter 3.x, Firebase (Auth, Firestore, Storage) and modern, modular architectures—Clean Architecture with feature-based layers, MVVM and Cubit state-management—that keep code scalable and test-ready. End-to-end skills span requirement analysis, pixel-perfect UI/UX, REST-ful API integration, CI/CD pipelines on GitHub Actions, automated Play-Console releases and performance profiling. Proven ability to publish polished apps to Google Play and maintain their lifecycle. Graduate of the ALX Software Engineering track (strong foundations in data-structures, OOP and front-end engineering) and the ALX Founder Academy (startup creation & product-market fit). McKinsey Forward alumnus, bringing leadership, problem-solving and stakeholder-communication strengths. Adept at remote collaboration, Git-centred workflows and leveraging AI accelerators—GitHub Copilot and ChatGPT—to boost development velocity, code quality and innovation.

PROFESSIONAL EXPERIENCE

Flutter Developer & Key Contributor - (Languages in Arabic) "لغات بالعربي" May 2025 – Present

Google Play ID [com.Arabic.Languages](#) - App Store ID [لغات-بالعربي/id6738091599](#)

- Completely re-engineered the codebase by migrating the app from ad-hoc setState usage to a robust, Cubit-driven architecture based on feature-first Clean Architecture principles, significantly improving state management, maintainability, testability, and scalability.
- Redesigned the project folder structure focusing on clear separation of concerns with core and features layers. Currently working on implementing dependency injection using get_it and developing unit tests to enhance code quality and maintainability.
- Developed a "Favorites" feature allowing users to bookmark words, sentences, and grammar rules, with data persisted locally using shared_preferences, enabling personalized learning paths and improving user engagement.
- Collaborating closely as a key contributor alongside the original app owner and lead developer, continuously improving code quality, refactoring for cleaner architecture, and delivering ongoing feature enhancements.
- The app is live and actively used on both Google Play Store and Apple App Store

Freelance Flutter Developer | Remote

Feb 2025 – Present

Portfolio of 24 Ready-to-brand Template Apps – Clean Architecture & MobX

- I designed a suite of 24 standard demo apps that enable customer projects to launch in e-commerce, ride-hailing, food delivery, media streaming, hotel booking, education, Q&A, car services, and on-demand services.
- Built feature-oriented UI layers and MobX view-models, with abstracted data sources ready to connect to REST API / Firebase back-ends .
- Delivered pixel-perfect, fully responsive layouts (Material 3 & Cupertino) .
- Produced continuous video walk-throughs and APK demos (YouTube playlist) to showcase architecture and accelerate client buy-in.
- Maintain the codebase with Flutter 3.x / Dart 3.x migrations and weekly updates to keep dependencies security-patched and SDK-current.

Lead Mobile Engineer – Talk (Podcast + Article Platform) | Remote Contract Sep 2024 – Jan 2025

- Architected and shipped a full-feature podcast & creator app—record, edit, publish audio, video or rich-text articles—using Cubit state-management, Feature-first Clean Architecture and a Swagger-documented Django REST API.
- Implemented in-app recording (audio & camera), background playback with just_audio/just_audio_background, dynamic theming.
- Added social layers (likes, threaded comments, share via deep-links & QR-codes, private channels, playlists) and granular content filtering/search.
- Cooperated in an agile two-person squad (mobile + back-end), reviewing Swagger contracts and automating JSON serialization with Dio .

Mobile Developer – Store (Inventory) | Hybrid Remote

Dec 2022 – Feb 2023

Google Play demo ID [com.storeblueatom.store](https://play.google.com/store/apps/details?id=com.storeblueatom.store)

- Conceived, built and deployed a multi-role inventory app (manager / sales-agent) with Flutter SetState, Firebase Auth, Firestore & Storage back-end and PDF invoice generation.
- Managers upload SKUs, assign agents, track real-time stock, returns and auto-generated analytics dashboards; agents issue invoices that immediately .
- Implemented multi-dex-signed builds, Play-Console release pipeline and regular SDK-level updates (most recent: Android 14 compliance, Apr 2025).
- Custom PDF export engine (dart-pdf) shortened audit prep from hours to minutes and cut pilot-store stock-error rate by > 35 %.

Junior Flutter Developer – Here (Brick-and-Mortar Commerce)

Oct 2021 – Apr 2022

Google Play ID [com.blueAtom777.here](https://play.google.com/store/apps/details?id=com.blueAtom777.here)

- Launched an O2O marketplace that lets shoppers discover nearby stores, compare prices and reserve in-store pickup; merchants list products, discounts and geo-offers.
- Implemented Google Maps & Geolocator for proximity search, location-aware offers and turn-by-turn shop navigation.
- Developed complete Firebase back-end (Auth, Firestore, Storage) including security rules.

TECHNICAL SKILLS

- Languages & Frameworks Dart • Flutter 3.x • HTML / CSS
- Architectures / State Management Feature-first Clean Architecture • Cubit • MVVM
- Back-End & Cloud Services Firebase (Auth, Firestore, Realtime DB, Cloud Storage) • REST APIs (JSON)
- Dev & Productivity Tools Git / GitHub • GitHub Actions (CI) • GitHub Copilot • ChatGPT • VS Code • Android Studio
- Package Ecosystem (selected)
dio • get_it • hive • intl • flutter_localizations • audio_service • just_audio • google_maps_flutter • cached_network_image • url_launcher

SOFT SKILLS

Core Analytical Skills

- Advanced Problem-Solving & Critical Thinking — hypothesis-driven, data-backed decisions
- Root-cause analysis • Structured issue-tree & MECE frameworks (Forward @ McKinsey)

Entrepreneurial & Business Acumen

- Market Research, customer discovery & competitive analysis (ALX Founder Academy)
- Lean Canvas modelling, Business-model design & validation
- Product Road-mapping, MVP scoping, rapid prototyping & Product-Market Fit testing
- Go-to-Market strategy, Sales Pipeline building & early-stage Budgeting / Financial modeling
- Investor-ready Pitch-Deck storytelling & stakeholder negotiation

Leadership & Collaboration

- Team leadership, decision-making under ambiguity, servant leadership mind-set
- Cross-functional remote collaboration (developers, designers, back-end, business)
- Mentoring junior devs; driving Agile ceremonies & code-review culture

Communication & Influence

- Structured, top-down communication (SCQA / Pyramid Principle)
- Workshop facilitation, stakeholder alignment, user-centric presentation skill

Personal Effectiveness

- Rapid self-learning, continuous improvement, AI-assisted productivity (GitHub Copilot, ChatGPT)
- High resilience & performance under pressure / tight deadlines
- Time-management & prioritisation across simultaneous projects

CERTIFICATIONS & COURSES

- ALX Software Engineering – Full-stack / Back-End track, 2024
- ALX Founder Academy – Startup creation (Market Research → Lean Canvas → Product Roadmap → MVP → Sales & Pitch Deck), 2024
- McKinsey Forward Program – Structured problem-solving, leadership & strategic communication, 2024
- GitHub Power-Up – Advanced Git & CI/CD workflows, 2024
- Figma for UX Design, 2024
- Flutter & Dart: The Complete Guide, 2023
- Flutter Advanced: Cubit & MVVM Architecture, 2023

EDUCATION

B.Sc. in Physical Education (Sports Science), Mansoura University, Egypt (2016–2019)

Overall Grade: Good

Completed prior to pivoting into Software Engineering through the ALX SE Program, demonstrating strong self-driven learning and adaptability.

ADDITIONAL INFORMATION

- **Languages:** Arabic – Native • English .
- **Marital Status:** Single.
- **Military Status:** Exempted / Not liable for service (certificate available on request) .