

YOUSSEF BELAL

Flutter Developer | Mobile Software Engineer

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PROFESSIONAL SUMMARY

Flutter Developer with 6 months of professional experience on a production social live-streaming app for iOS and Android (90+ merged pull requests), plus 20+ Flutter projects on GitHub. Experienced in Dart, Clean Architecture, Riverpod and BLoC, REST APIs, Firebase and Supabase, real-time features, localization with Arabic RTL, automated testing and CI/CD. Author of 12 open-source Flutter developer tools, 9 of them published on pub.dev, for performance, code quality, accessibility and app size.

TECHNICAL SKILLS

Languages: Dart, Kotlin, Java, Python, TypeScript, JavaScript, C++, HTML, CSS.

Mobile Development: Flutter, Android, iOS, Cross-Platform Development, Responsive UI, Material Design, Custom Widgets, Animations (Rive), Google Maps, Push Notifications (FCM).

State Management & Architecture: Riverpod, BLoC, Cubit, Provider, Clean Architecture, Feature-First Architecture, MVVM, SOLID, OOP, Dependency Injection (get_it), go_router.

Backend, APIs & Data: REST APIs, Dio, JSON Serialization, OpenAPI/Swagger, Firebase (Authentication, Cloud Firestore, Storage, Cloud Functions, Cloud Messaging, Crashlytics, Analytics), Supabase, Hive, SharedPreferences, Offline-First, Real-Time Chat.

AI & Integrations: Gemini API, Firebase AI Logic, TensorFlow Lite, Google ML Kit, PayPal Payments, Google/Facebook Sign-In.

Quality & Performance: Unit Testing, Widget Testing, Golden/Screenshot Testing, Static Analysis, Custom Lint Rules, Performance Profiling, Flutter DevTools, Startup Optimization, App Size Optimization, Accessibility (WCAG).

Localization: easy_localization, ARB/intl, Multi-Language Apps, Arabic RTL.

DevOps & Tools: Git, GitHub, GitHub Actions, CI/CD, Code Review, Pull Requests, Git Flow, GitHub Pages, Android Studio, VS Code, Postman, Figma, Agile/Scrum.

Web & Data: Next.js, Vite, Tailwind CSS, PWA, IndexedDB, pandas, NumPy, scikit-learn, Matplotlib.

PROFESSIONAL EXPERIENCE

ViBE ZO | Software Developer (Flutter)

Apr 2026 – Present

Cairo, Egypt | Social live-streaming app for iOS and Android

- Develop and ship features for a production social live-streaming app: live broadcasts, short-form video, real-time chat and gifting, an in-app wallet and live battles between hosts.
- Own features end to end, from backend API integration and state management to UI, in a large modular Flutter codebase.
- Improve app performance, startup time and stability on Android and iOS, using profiling and crash reports to find and fix real issues.
- Maintain the multi-language experience across 9 languages, including full Arabic right-to-left support.
- Merged 90+ pull requests in 6 months (about 20 features and 30 bug fixes) and contributed to 6 versioned app releases.
- Work in a review-driven engineering workflow: code review, automated tests, static analysis, CI checks and a staged release process from development to production.

Exelevate | Dialer Manager / Data Analyst

2025 | Cairo, Egypt

- Automated business reporting workflows with Python, pandas and NumPy, reducing manual data entry time.
- Extracted, cleaned and validated large datasets to produce operational insights for business decisions.

Youth Leaders Foundation (YLY) | HR Member & Project Contributor

2026 – Present | Cairo, Egypt

- Took part in recruitment and organizational activities; built Team Pulse, a bilingual (English/Arabic) team-performance tracker with editions for the HR, PR, OER and Social Media committees (Next.js, TypeScript,

offline-first PWA, Excel export) | github.com/youssef336/YLY-web

KEY PROJECTS

Xspire / MysteryBag – Food Sustainability Platform | Team Leader & Lead Flutter Developer

Flutter, Firebase, Supabase, Gemini API, TensorFlow Lite, PayPal, BLoC, Clean Architecture

App: github.com/youssef336/CiC_final_project | Dashboard: github.com/SeifAhmed444/xspire_dashboard

- Led a 4-person team through the full project lifecycle, owning task distribution and system architecture.
- Built the customer Flutter app and an admin dashboard for selling discounted surplus-food bags.
- Integrated a Gemini AI chatbot and an on-device TensorFlow Lite model for food recognition.
- Implemented PayPal payments, a reward-points system and food reservations.

Fruits Hub – E-Commerce App & Admin Dashboard | Flutter Developer

Flutter, Firebase, Cloud Firestore, Supabase, BLoC, Clean Architecture, PayPal

App: github.com/youssef336/Fruits_Hub | Dashboard: github.com/youssef336/fruits_hub_dashboard

- Built a fruit marketplace with Google/Facebook authentication, product browsing, cart, PayPal checkout and Arabic/English support.
- Built an admin dashboard to add products, track live orders and publish coupons.

StyleBox – Fashion Platform (Two Apps) | Flutter Developer

Flutter, Firebase, Supabase, Google ML Kit, Gemini API, BLoC, Clean Architecture

github.com/youssef336/stylebox

- Built a customer app and a partner app for discounted surplus-clothes boxes, with ML Kit clothing scanning and a Gemini AI stylist.

Flutter Quality Toolkit – 12 Open-Source Tools, 9 Published on pub.dev | Author

Dart, Analyzer Plugins, CLI, GitHub Actions, JavaScript | pub.dev/packages/flutter_quality_ratchet |

github.com/youssef336

- flutter_perf_lints: analyzer plugin with 7 Flutter performance lint rules and quick fixes.
- flutter_quality_ratchet: CLI and GitHub Action that freezes existing code-quality debt in a baseline that can only shrink.
- flutter_perf_hud, flutter_startup_tracer: in-app performance overlay (FPS, jank, memory, rebuilds) and app-startup phase tracing.
- flutter_screenshot_matrix, flutter_a11y_check, flutter_l10n_watch, flutter_api_contract, flutter_unused_code: screenshot testing across devices and locales, accessibility audits, translation checks, API contract checks against OpenAPI, and dead-code detection.
- flutter-app-size-budget, flutter-deps-watch, flutter-assets-watch: GitHub Action and web tools for app size, outdated or vulnerable packages, and unused assets.

EDUCATION

Canadian International College (CIC) | Bachelor of Business Technology

Graduated 2026

Cairo, Egypt | GPA: 3.01 / 4.00

CERTIFICATIONS & TRAINING

- Sprints x Microsoft Summer Camp – Mobile Development (40 Hours)
- Android Development: Beginner to Advanced
- Flutter Development Training
- Firebase Fundamentals

LEADERSHIP & ACTIVITIES

- Team Leader, Xspire Project: directed technical execution and mentored peers in Agile mobile development.
- Enactus Member, CIC: worked in multidisciplinary teams on entrepreneurship and social-impact projects.