Louay ElGarhy

Senior Flutter Developer

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PROFESSIONAL SUMMARY

Results-oriented Flutter Developer with around 4 years of experience in Flutter. Adept at developing mobile application with expertise in architectural patterns, state management, and clean code principles. Proven track record of delivering high-quality projects for **governments** and **global clients**, optimizing performance, and leading development teams. Rated 100% over 3 projects freelancer on Mostaql with a 100% success score and over 36 completed projects.

WORK EXPERIENCE

Senior Flutter Developer @ ZeroOneZ
Egypt   **Mar 2021 – Present**

- Refactored and modularized over 15 Flutter applications using Clean Architecture, BLoC, and SOLID principles, resulting in more maintainable, scalable, and testable codebases.
- Integrated Firebase, Google Analytics, and Snapchat Pixel for deep analytics and engagement tracking.
- Diagnosed and fixed 100+ critical bugs using Flutter DevTools, Firebase Crashlytics, and structured logging, significantly reducing crash rates and QA cycles.
- Built and integrated Firebase-based chat systems with Firestore and Firebase Cloud Messaging (FCM), simulating real-time chat by triggering local notifications with instant delivery and in-app UI updates for seamless user experience.
- Integrated RESTful APIs, Firebase services, and local storage solutions such as Hive and SharedPreferences, improving app performance and offline reliability.
- Partnered with 4+ departments including product, backend, and design to deliver high-impact features aligned with business needs and user expectations.
- Mentored 2 junior Flutter developers, leading pair programming sessions, PR reviews, and introducing modern practices like CI/CD automation, Git branching strategies, and clean code principles.
- Published production-ready apps to Google Play and App Store, with a strong focus on performance optimization, user experience, and platform compliance.
- Developed and maintained multiple cross-platform apps using Flutter, integrating RESTful APIs, Firebase, and local storage.
- Adhered to clean code architecture, scalable codebases and modular architecture.
- Deployed production apps to Google Play and App Store with performance and UX in focus.

Flutter Developer | Mobile Application Consultant
Freelancer   **2023 – Present**

- Delivered 24+ Flutter/Laravel mobile apps with 100% client satisfaction across 10+ industries in 22+ countries.
- Built and scaled "Bazar" app to **100K+ downloads**, 0% crash rate.
- Optimized DAFFA app with faster load times and a growing user base to 1,300+ download.
- Refactored 10K+ lines of Flutter code using SOLID principles and Clean Architecture.

- Reduced costs by migrating GlamGo chat from Firebase to local notifications with the same effect of Real-Time chat.
- Co-developed Salam4CC with **<u>Saudi government</u>** using Laravel, WordPress, and React.js.

EDUCATION

B.Sc. in Computer Science
Modern Sciences and Arts University, Egypt   **Graduated: 2023**

B.Sc. in Computer Science
University of Greenwich, United Kingdom   **Graduated: 2023**

TECHNICAL SKILLS

- **Languages:** Dart, PHP, HTML, CSS, JavaScript, SQL.
- **Frameworks/Tools:** Flutter, Firebase, Bootstrap 5, socket.io, Pusher, Laravel.
- **Architecture & Practices:** Clean Architecture, SOLID Principles, OOP, RESTful APIs, Dependency Injection.
- **Tools:** Git, GitHub, Android Studio, Visual Studio, IntelliJ IDEA, Postman.
- **Other:** Trello, Jira, PhpMyAdmin, Firebase Analytics, Google Analytics, Snap Pixel.

CERTIFICATIONS

- AWS Cloud Practitioner Certification 🔗
- Huawei HCIA-AI "Credential ID 010102001808418611409".

PORTFOLIO HIGHLIGHTS

1. Bazar: https://play.google.com/store/apps/details?id=com.app.user.bazar
2. متاجر بازار: https://play.google.com/store/apps/details?id=com.market.bazar
3. DAFFA for Abayat: https://play.google.com/store/apps/details?id=com.daffa.app
4. GlamGo: https://play.google.com/store/apps/details?id=com.glamgo.apps.android
5. Sarfha – صرفها: https://apps.apple.com/kw/app/id6544787418?platform=iphone
6. Dieaya Plus - دعاية بلس: https://play.google.com/store/apps/details?id=com.dieayaplus.user&hl=en
7. دعاية بلس أعمال: https://play.google.com/store/apps/details?id=com.dieayaplus.market&hl=en
8. Mazij – مزيج: https://play.google.com/store/apps/details?id=com.mazij.app&hl=en
9. معك: https://play.google.com/store/apps/details?id=com.app.maak.sa
10. Cool Car - كول كار: https://apps.apple.com/ae/app/id6737987479?platform=iphone
11. دليل وجهتك: https://apps.apple.com/kw/app//id6738397663?platform=iphone
12. Tissue wishen - مناديل واشن: https://play.google.com/store/apps/details?id=com.app.tissue&hl=en
13. Heaven Valley: https://play.google.com/store/apps/details?id=com.app.heaven_vally&hl=en
14. Heaven Valley Admin: https://play.google.com/store/apps/details?id=com.app.heaven_admin&hl=en
15. Noot: https://play.google.com/store/apps/details?id=com.app.noot&hl=en

16. Noot Owner: https://play.google.com/store/apps/details?id=com.app.noot_owner&hl=en
17. ROZ – روز: https://play.google.com/store/apps/details?id=com.app.roz.sa
18. Breeze – بريز: https://play.google.com/store/apps/details?id=com.app.breeze.sa&hl=en
19. Breeze Admin: https://play.google.com/store/apps/details?id=com.app.breeze_delivery&hl=en
20. PioPio: https://play.google.com/store/apps/details?id=com.app.rctech.pio_pio
21. PioPio Production: https://apps.apple.com/us/app/pizzeria-piopio/id6444718873?platform=iphone
22. Taivay: https://apps.apple.com/us/app/id6739472701?platform=iphone
23. Salam4cc – سلام للتواصل الحضاري: https://salam4cc.org/