Omar Mohamed Abdelrazik

Software Engineer | Senior Flutter Developer

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Summary

Senior Flutter Developer with 5 years of experience building scalable, high-performance mobile applications across fintech, e-commerce, and government platforms. Skilled in Flutter, Dart, CI/CD pipelines, and cloud-based architectures. Proven track record of launching production apps, improving app performance, and leading mobile teams to deliver business impact.

Experience

Rasan

Senior Software Engineer | Flutter Developer   **Dec 2024 - Present**
- Refactored and enhanced apps, reducing crash rates and improving performance.
- Implemented analytics & monitoring (Sentry, Firebase GA4, UX Cam), to resolve top user-facing issues.
- Built CI/CD pipelines on Azure, automating build, test, and release processes.
- Delivered new features with Bloc architecture and comprehensive unit testing.
- Enhanced **Tameeni app** (1M+ downloads), Optimized state management using Provider, reducing crash rate by 40%. (Google Play | App Store)

ESC Tech Hub

Senior Mobile Developer (Freelance)   **Feb 2024 - Apr 2024**
- Developed MVP mobile app for EMV card processing on SUNMI POS using **Kotlin** and **Compose** for UI.
- Implemented AES-based encryption for secure transactions.
- Collaborated with backend teams to ensure compliance with tokenization & card scheme protocols.

Shelter Technology

Software Engineer   **May 2021 - Dec 2024**
- Contributed to the Centralized Traffic Violations System, streamlining operations for government projects.
- Handled app store submission processes for multiple applications.
- Mentored team members, boosting productivity and code quality by 20%.
- Integrated native services on Android/iOS to enhance performance.
- Led weekly knowledge-sharing sessions on Clean Arch. best practices and TDD, improving team test coverage.
- Build **LA7** Fitness/social app with subscriptions, classes, chat, stories, and payments (Google Play | App Store).
- Built **ABSI** secure file-sharing app using Flutter platform channels and AES encryption (Google Play | App Store).

Projects

- Icaria EV Charging – EV charging app with reservations, OCPP-compliant backend integration. (Google Play)
- Wee In – Event management app with ticket tracking and attendee analytics. (Google Play | App Store)
- UM-IN E-commerce – Flutter + NestJS backend

Skills

Languages: Dart, Kotlin, Swift, Java, TypeScript, JavaScript
Frameworks & Libraries: Flutter, Node.js, Spring Boot, Compose UI
Tools & Platforms: Firebase, Azure DevOps, GitHub/GitLab, Docker, Sentry, UXCam, Third party tools
Architecture & Methodologies: BLoC, Riverpod, Provider, Clean Architecture, TDD, Agile (Scrum, Kanban)
APIs & Protocols: REST, GraphQL, SOAP, OAuth, OCPP

Education

B.Sc. Computer Engineering – Modern Academy for Engineering, Cairo (2015 – 2020)

Certifications & Training
- Android Nanodegree, Udacity
- Data Science Nanodegree, Udacity (Data streaming, visualization, predictive analytics)
- Data Science Internship, ALX (ML, AWS, analytics)

Language
Arabic (Native), English (Proficient)