

Eslam Osama

[LinkedIn](#)

[Github](#)

Senior Flutter Engineer | AI/ML App Integration | Former Startup CTO

Email: islamusama56@gmail.com

Phone: +97 150 470 7947

Dubai, UAE

Summary

Senior Flutter Engineer with **6+ years of experience** architecting, developing, and deploying high-performance, cross-platform mobile applications. **Proven track record in delivering remote projects** for US, EU, and MENA clients, across industries such as social media, e-commerce, enterprise utilities, IoT, and AI/ML powered services. Former **CTO & Co-Founder** in IoT sector, combining strong technical expertise with business leadership. Seeking a **challenging full-time remote role with a global team** to drive innovation and deliver impactful solutions.

Skills

Mobile Development: Flutter, Dart, iOS, Android, Animations, BLE, Push Notifications, Offline Storage, Realtime Databases, Hive DB, Shared Preferences, Unit Tests, Widget Tests, monitoring, analytics tools

State Management: Riverpod, Bloc, Provider, MVVM, Clean Architecture, SOLID, OOP, System Integration

Backend & Cloud Services: Firebase (Auth, Firestore, Cloud Functions, Remote Config, Analytics), MQTT, AI/ML Integration, OpenAI, OpenRouter, AWS Payment Gateway, RevenueCat, REST APIs, PostgreSQL, MySQL, MongoDB, SQLite, NoSQL

Tools & DevOps: Git, CI/CD, Fastlane, Shorebird, App Store Connect, Google Play Console, Postman, Figma

Other Programming: Python, C#

Business & Leadership: Leadership, Team Management, Mentorship, Agile, Time Management

Work Experiences

Reckit: Georgia, USA • Full-Time • Remote

Senior Flutter Developer: Oct 2023 – Present

- **Led the architecture** of a Flutter Monorepo using Melos, enabling shared codebases, consistent workflows, and scalability across multiple web and mobile apps.
- **Implemented Clean Architecture** across packages in shared modules, ensuring maintainable, testable, and modular feature delivery.
- **Engineered multi-tenant support** with automated asset management and environment-specific configurations, enabling multiple brands to share the same platform.
- **Built and maintained a shared design system** and reusable component libraries, driving brand consistency and accelerating development velocity across projects.
- **Engineered robust web routing** with GoRouter, including typed routes, custom transitions, and route guards for secure, scalable navigation.
- **Set up CI/CD pipelines** with Bitbucket for automated analysis, testing, building, and deploying Flutter web apps in multiple environments.
- **Delivered 6+** web and mobile apps on time, meeting **100%** of quality benchmarks.
- **Integrated third-party services** such as Spotify, Google Maps, IMDb, and WhatsApp to extend app functionality and improve user engagement.
- **Championed engineering best practices** through code reviews, static analysis enforcement, documentation, and onboarding for new engineers.

Crash Move: North Brabant, Netherlands • Part-Time • Remote

Mid-Level Flutter Developer: Aug 2023 – Dec 2024

- **Implemented a new application theme** and updated the design system components to align with revised brand guidelines, resulting in a **35%** improvement in user ratings on app stores.
- **Resolved critical bugs** across multiple application modules, improving stability and user experience.
- **Integrated a background location monitoring system** capable of triggering alarms in real-time during emergencies.
- **Developed and integrated real-time calling functionality**, including call recording capabilities, to support operational requirements.

Impulses: Cairo, Egypt • Full-Time • On-Site

Co-Founder & CTO: 2019 – 2023

- **Architected the next generation of smart home and IoT systems**, defining the overall technical vision and product roadmap.
- **Integrated with a wide range of hardware devices**, enabling seamless connectivity and interoperability across the ecosystem.
- **Ensured platform scalability** through robust system design, cloud infrastructure optimization, and modular architecture.
- **Secured \$500,000 in investment funding** and grew annual revenue to **\$128,000** by the third year of operation
- **Achieved 2nd Place** at the **Egypt IoT & AI Challenge**, gaining national recognition for innovation and technical excellence.

RDI: Cairo, Egypt • Freelance • Remote

Flutter Developer: 2022 – 2023

- **Developed speech-to-text functionality** allowing users to accurately convert spoken content into editable text.
- **Implemented PDF generation features** to export converted text into professional, shareable documents.
- **Integrated secure payment processing** and subscription management, increasing recurring revenue by **60%**.
- **Implemented OAuth authentication** with multiple platforms to provide seamless and secure user sign-in.

Al-Burhan Association: Riyadh, Saudi Arabia • Freelance • Remote

Flutter Developer: 2022

- **Implemented a custom real-time audio processing SDK** to capture and preprocess audio streams.
- **Integrated server communication** to upload audio chunks in real-time to handle asynchronous processing results.

Upwork: Freelance • Remote

Mobile Application Developer: 2019 - 2021

- **Developed diverse mobile applications** for clients across industries.
- **Managed end-to-end project lifecycles**, including requirements gathering, timeline planning, scope definition, and milestone tracking.
- **Coordinated directly with clients** to align expectations, review progress, and deliver high-quality apps on time.

Zaghrou Group for Industries: Cairo, Egypt • Part-Time • On-Site

Mobile Application Developer: 2019

- **Developed software solutions** to manage industry-specific mathematical equations for diverse automotive manufacturing processes.
- **Solved complex technical challenges** by researching solutions, debugging code, and implementing effective fixes.
- **Collaborated with engineering teams** to ensure software accuracy, reliability, and alignment with manufacturing requirements.

Oracle: Cairo, Egypt • Part-Time • On-Site

Software Engineer Intern: 2018

- **Gained hands-on experience** with Oracle Database and MySQL, including SQL querying, data manipulation, and database optimization.
- **Explored database design principles** such as normalization, indexing, and schema optimization to improve performance and scalability.

Projects

Yasso App:

[Google Play](#)

[App Store](#)

Create personalized stories where your kid is the main character. Teach a lesson, spark imagination, or make bedtime magical — Yasso turns your idea into a beautifully illustrated, narrated storybook in minutes.

Forbes Awarding - The Summit Event App:

[Google Play](#)

[App Store](#)

Your essential companion for Forbes Travel Guide's premier event. Designed to streamline your experience, the app provides tools and features to help you navigate, connect, and make the most of your time in Monaco.

Verified Recs App

[Google Play](#)

[App Store](#)

An app for Forbes Travel Guide employees to share and discover trusted recommendations across food, travel, and culture.

BOOK IT PACE:

[Google Play](#)

[App Store](#)

BOOK IT PACE is a mobile app for a travel agency that allows you to plan, manage, and look back on your trips. It serves as a central hub for all your travel needs, from finding inspiration to organizing your journey details.

Le Logis App:

[Google Play](#)

[App Store](#)

Your digital tool for an unforgettable stay at our chateau in Cognac, France. Designed to enhance your experience, the app provides seamless access to all the exclusive amenities and services Le Logis has to offer.

Rekit: Share, Find, Save Recs:

[Google Play](#)

[App Store](#)

An app helps you share, discover, and save recommendations for things like movies, books, and restaurants, all based on suggestions from your friends. It aims to eliminate unreliable online reviews by focusing on trusted recommendations within your social circle.

Meridian Platform:

[Web App Demo](#)

[Landing Page](#)

[Trailer Video](#)

White-label, multi-tenant platform that luxury travel advisors and Forbes inspectors rely on. empowering travel professionals with tools to deliver personalized luxury experiences, and exceeding client expectations.

Impulses App:

[App Store](#)

Smart home platform that gives you remote control, automation, and voice assistant integration for your home. It features tools like smart locks, environmental monitoring, and family sharing, all designed to create a secure and efficient living space with a user-friendly app.

Rayat - Solutions App:

[App Store](#)

It serves as a platform to learn more about our services, engage in communication, and request price quotations. Additionally, you can explore available job opportunities and apply to join our team.

Specter App:

[App Store](#)

Specter app provides a unique in-store experience. Scan QR codes for bills, access exclusive offers at diverse stores and restaurants, and effortlessly track expenses. Elevate your shopping adventure and manage spending with ease.

Surah - Al Quran:

[Google Play](#)

[App Store](#)

An app serves as a digital version of Qur'an, offering multiple user interfaces and features to make it easy to read and use.

Kateb App:

[Google Play](#)

[App Store](#)

Kateb is a powerful mobile speech-to-text application designed to capture thoughts and ideas effortlessly in real time. delivers highly accurate transcriptions enhanced by contextual autocorrection.

Education

B.Sc. in **Computer Science & AI** – Helwan University

Language

English: Professional proficiency

Arabic: Native Language