

SAED YOUNIS

Senior Flutter Engineer — Fintech & Payments

Saedbusiness2021@gmail.com · +90 542 102 9945 · Samsun, Türkiye

[Portfolio](#) · [GitHub](#) · [LinkedIn](#)

Open to remote roles and relocation (EU Blue Card eligible · UAE)

SUMMARY

Senior Flutter engineer specializing in fintech mobile security and payments. Shipped a production crypto & fiat wallet (HoyaPay, live on the App Store and Google Play) end to end: passkey/WebAuthn passwordless authentication with step-up re-auth, idempotent money-moving flows with intent hashing, real-time WebSocket transaction tracking, and hardened releases (obfuscation, request signing, strict logging hygiene). Server-authoritative by default — the client displays and forwards; it never decides. Strong record of design-system rollouts across 250+ files, CI/CD built from scratch, 7-locale i18n, and iOS/Android store deployments.

WORK EXPERIENCE

Senior Flutter Engineer — Better-Pro Limited (HoyaPay)

01/2026 – Present · Remote (US company)

HoyaPay: cross-platform crypto & fiat wallet, live on the App Store and Google Play (US & Taiwan)

- **Shipped** a complete passwordless authentication system: passkey (WebAuthn/FIDO2) registration and login with OTP fallback (email / Google Authenticator), step-up re-authentication for sensitive actions, and a passkey-first verification service acting as the single orchestrator for all sensitive flows, with per-device credential management and multi-OEM/iOS hardening.
- **Implemented** idempotency across 15+ money-moving flows (deposit, withdrawal, transfer, exchange, buy/sell, virtual & physical cards) and integrated intent hashing — canonical SHA-256 over amount, recipient, currency, and path — binding and tamper-protecting every transaction from prompt to execution.
- **Engineered** client-side transaction safety: payload-freeze snapshots, double-submit guards, and on-device transaction lifecycle tracking with persistence and crash recovery for in-flight transactions — all under a server-authoritative model.
- **Built** the real-time layer with WebSockets for live transaction status and streaming data, with connectivity-aware reconnection; hardened the Dio API layer with typed error handling, encrypted requests, request signing, and strict logging hygiene (no tokens, balances, or PII).
- **Led** an app-wide design system (spacing, color, typography tokens, full light/dark theming) migrated across 250+ files; centralized typed navigation and maintained 7-locale internationalization with accessible, polished UI.
- **Constructed** the CI/CD pipeline from scratch: signed builds, secure keystore management, release hardening and obfuscation with regression guards; co-owned iOS and Android store deployments and release sign-off with QA.
- **Partnered** with backend, design, and QA on API contracts, test coverage, and cross-team documentation, including bilingual (EN/中文) feature docs for an international engineering team.

Tech: Flutter/Dart, GetX, Dio, WebSockets, REST, secure storage (Keychain/Keystore), native iOS/Android, GitLab CI/CD.

Full Stack Developer — Aqare Click

06/2025 – 08/2025

- Developed a responsive React.js + TypeScript frontend (Tailwind, Vite) with reusable components, context-based state, and mobile-first design.
- Built a centralized API layer with custom hooks and full error handling; integrated real-time chat, scheduling, and property management with role-based access control (RBAC), advanced search/filtering, and real-time notifications.
- Implemented i18n for Arabic RTL and English with dynamic locale switching and custom RTL wrappers.

Flutter Developer — Rest Fort

10/2023 – 01/2024

- Delivered a cross-platform Flutter app (Bloc, MVVM) with real-time chat via Pusher SDK, improving engagement metrics by 30%.
- Integrated multiple payment gateways and third-party SDKs; published to both the iOS App Store and Google Play in compliance with platform guidelines.

React & Flutter Developer — Masar (Google Play + Admin Panel)

06/2023 – 07/2023

- Built a React.js admin panel and a Flutter app (live on Google Play) integrated with Laravel APIs for synchronized data across web and mobile.

Flutter Developer — Yumgott

04/2023 – 05/2023

- Built a restaurant app with Swish payment integration and digital-wallet features, user authentication, interactive reels, and social features, using MVVM + Bloc.

Flutter Engineer & Project Lead — Bubbles (location-based social platform)

03/2022 – 11/2022

iOS/Android, live on TestFlight — 4-codebase platform architected and led end to end

- Architected a Flutter app (~680 Dart files / ~109k LOC), Laravel REST API, Node.js Socket.IO real-time server, and Next.js admin dashboard.

- Built real-time, location-aware features: live GPS geofencing with server-validated entry/exit, live presence and rosters, typing/read receipts — the same foundations behind live tracking, trip status, and ETA.
- Implemented Clean Architecture (domain/data/presentation) with BLoC/Cubit and GetIt DI; shipped FCM push, deep linking, presigned S3 uploads, and multi-provider auth (Apple/Google/phone).

Flutter Developer — Nabda Organization

01/2022 – 02/2022

- Built a data showcase app with form submission; ensured responsiveness and cross-device compatibility.

EDUCATION

B.Sc. Computer Systems Engineering — Al-Azhar University

09/2021 – 08/2025

- Graduated with 87/100 (equivalent 4.0 GPA scale) — top academic performance; advanced coursework in algorithms and data structures; active in coding competitions.

SKILLS

Fintech & Security: Passkeys / WebAuthn / FIDO2 · biometric & step-up authentication · idempotency & intent hashing · secure storage (Keychain / Keystore) · certificate pinning & TLS · anti-reverse-engineering & build obfuscation · payment gateways & wallet flows

Flutter & Architecture: Flutter/Dart · GetX · Bloc/Cubit · Clean Architecture · MVVM · state management & app lifecycle · design systems & light/dark theming · i18n (7 locales, RTL) · accessibility

Platform & Delivery: Dio · REST · WebSockets/Socket.IO · native iOS & Android integration · CI/CD (GitLab) & build hardening · App Store & Google Play deployment · Firebase / GCP · testing & QA · Git, Postman

Also: React.js / TypeScript (working knowledge) · AI-assisted development (Cursor, GitHub Copilot) as a velocity multiplier

LANGUAGES

Arabic (native) · English (fluent, C1) · Turkish (basic)