Fahad Hussain

Independent Product Engineer · Former CTO

Peshawar, Pakistan (remote) · +92 308 8432235 · hussainfahad660@gmail.com · faadi619.github.io/fahad_portfolio · linkedin.com/in/thefaadi619 · github.com/faadi619

SUMMARY

Senior engineer with 5+ years taking products from idea to launch: mobile apps (Flutter), web apps (Next.js), backends (Supabase, Firebase) and payments. Former CTO of AppSpot Software Solutions, leading a 4-developer team. Most recently built AMA (amahorses.sa), an Arabic-first marketplace with escrow payments, alone on a fixed-scope contract in about 11 weeks. Strongest in payments and escrow, Arabic/RTL products, and real-time and hardware integrations.

84 projects delivered · 55 clients · 61 five-star reviews · clients in KSA, USA, Netherlands, Canada

EXPERIENCE

Independent Product Engineer (Freelance) Aug 2020 – Present

- Built AMA (amahorses.sa) end-to-end for a Saudi client: Next.js web platform, Supabase/Postgres backend and Tap payments with escrow, delivered on a fixed-scope contract (2026).
- Built and shipped client apps across delivery, food ordering, e-commerce (Ecwid), construction, fleet operations, education and social products, on both app stores.

Chief Technology Officer, AppSpot Software Solutions Aug 2021 – Jul 2026

- Led a team of 4 developers; set engineering standards (MVVM, Clean Architecture) that shortened delivery timelines, and mentored the team on state management.
- Owned the Flutter app for Wgoodi, a fuel-station SaaS for the Saudi market scaled to 1,000 stations, while directing the architecture of its backend and web dashboard.
- Directed the system design for live telemetry from Technotrade PTS-2 forecourt controllers (6 packet types, duplicate protection, signature verification), isolated on its own staging environment to protect production.
- Led Flutter-side integration of REST APIs, Stripe and in-app purchases across the product line.

SELECTED PROJECTS

AMA — Arabian horse marketplace, Saudi Arabia amahorses.sa

Arabic-first (RTL) marketplace with escrow payments, identity verification, messaging and a services marketplace. Built alone: web platform, database, payments and deployment.

- 18 modules: listings, selling, accounts, escrow orders, messaging, services, admin console (disputes, refunds, payouts) and PDPL data requests.
- Every payment, escrow and ledger movement written by server-side database functions; row-level security on every table; money stored as integer halalas.
- Tap Payments (mada, cards, 3-D Secure) with HMAC-verified, idempotent webhooks and automated refunds.
- Separate staging and live; releases gated by unit, SQL, end-to-end, visual and accessibility tests across 10 devices, load testing and a security review.

Next.js · TypeScript · Tailwind · Supabase · Tap Payments · Twilio · Vercel · Playwright · Vitest

Wgoodi — Fuel station management SaaS, Saudi Arabia wgoodi.com

- Built the Flutter app; directed the move from Firebase-only to a multi-tenant, multi-role platform and the bilingual English/Arabic web dashboard, built by the team.

Flutter (built) · Node.js, MongoDB, React, Socket.IO, Docker (directed)

GroundView Pro — Construction jobsite management groundviewpro.com

- Built end-to-end: mobile app, Flutter Web admin and Cloud Functions. Crew reports in 46+ languages auto-translated to English; timezone-aware SMS scheduling per jobsite; billing kept on the web to comply with App Store Guideline 3.1.1.

Flutter · Flutter Web · Cloud Functions (TypeScript) · Stripe · Signal House · Resend

Vaqt — Prayer habit tracking app, Turkey usevaqt.app

- Offline-first Hive cache cutting prayer-time API calls to about one per user per month; forgiving streak system and 24-badge achievements; feature-first MVVM.

Powermate — Screen time management App Store · Google Play

- Native iOS Family Controls via Flutter channels to enforce app limits; group requests and in-app coin purchases.

Also built

- **DVNA** — video course marketplace with instructor revenue dashboard (App Store)
- **ConnectMe** — referral growth app with deferred deep links, migrated Branch.io → Chottu Link
- **4Drivers** — paperless fleet operations with photo and signature capture (both stores)
- **Frienvite** — event discovery with Google Maps and real-time group chat
- **MEPA**, **Addi Buddy**, **My Zone** (Zeroconf smart-home control), and others

SKILLS

Mobile	Flutter & Dart (Provider, Bloc, Clean Architecture), platform channels, BLE, iOS Family Controls, Hive
Web	Next.js, React, TypeScript, Tailwind, Flutter Web; Arabic RTL and 46+ languages
Backend	Supabase (Postgres, RLS, Edge Functions, Realtime), Firebase (Firestore, Auth, FCM, Cloud Functions), Vercel
Payments	Stripe, Tap Payments (mada, 3-D Secure), in-app purchases, escrow and ledgers, verified webhooks
Quality	Playwright, Vitest, SQL tests, visual and accessibility testing, staging/live separation, security review
Leadership	Team lead and mentor; architecture review and system design for real-time and hardware integration

EDUCATION & CERTIFICATIONS

BSc Computer Systems Engineering, UET Peshawar 2017 – 2021

Final year project: car diagnostic app using Flutter BLE and an ESP32 to read live vehicle codes.

Udemy: Flutter & Dart — The Complete Guide (2023); Dart & Flutter — Zero to Mastery + Clean Architecture (2025)

Languages: English (professional), Urdu (native), Pashto (native)