

Saad Ali Khan

Fullstack Engineer

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PROFESSIONAL SUMMARY

Fullstack engineer shipping production web and mobile apps since 2021. Builds React, Next.js and Vue frontends, Node.js and Python APIs, and Flutter apps, and owns features from the database to deployment. Currently at Waseela on a Frappe/ERPNext agriculture platform: HR, crop credit and a dairy home-delivery rider app. Before that, marketplaces, AI healthcare tools and Web3 apps at Metadots.

CORE COMPETENCIES

React / Next.js

TypeScript

Node.js and Python APIs

Flutter

Frappe / ERPNext

Maps and GPS

AI Integrations

WORK EXPERIENCE

Waseela (DIN Global) Nov 2024 - Present

Fullstack Engineer

Lahore

- Build and maintain apps on Waseela OS, a Frappe/ERPNext platform of 24+ custom apps used daily by field teams across Pakistan: Vue 3 frontends and Python APIs on MariaDB.
- Set up the dairy home-delivery module and led its Oct 2026 release across the Flutter rider app and backend: day close-out, prepaid deliveries with photo proof, per-day subscriptions and spot sales.
- Built shift GPS tracking and a payable-km engine that filters inaccurate, mock-location and impossible-speed fixes and checks the track against the stop path; unit-tested.
- One of two main developers on the HR app: geofenced check-in, auto-attendance, performance reviews, and payroll settlement for notice periods and early exits.
- Rebuilt the rice crop credit case workspace for field officers and added an offline action queue for its field mode.
- Review code, monitor production with Sentry and write postmortems; contributed to the group's Dockerized Node.js/Next.js microservices and Cypress suites.

Metadots Dec 2021 - Oct 2024

Software Developer

Lahore

- Progressed from intern to associate and software developer during one continuous tenure.
- Main developer on fixTop, a home-services marketplace: Express, MongoDB, React, Socket.io chat, Stripe payments and Twilio.
- Led the frontend of an AI telehealth platform with WebRTC video consultations, an AI chatbot and speech-to-text.
- Built Remedy+, a clinical assistant: AssemblyAI transcription and GPT-4o visit summaries and prescriptions.
- Core contributor on MediaProQuo, a creative gig marketplace: proposals, dashboards, Stripe payments and OAuth sign-in.

PROJECTS

DuoFrame

Live photo-widget app on Google Play. Own the backend and led the app redesign: offline-first sends, streaks, private media with per-viewer signed links.

Flutter, Next.js, Supabase, Cloudflare R2

Cadence

Truck trip planner that stays inside FMCSA Hours of Service rules and draws daily log sheets; tested rules engine (147 tests). Live demo and public source.

Django, React, TypeScript, MapLibre

Promanda

AI project management platform. Frontend engineer: streamed AI generation, client dashboard, plan guards and payments flow.
React, TypeScript, SSE

EDUCATION

BS Computer Science University of the Punjab 2022

CERTIFICATIONS

React Developer Certification	Udacity	2022
Advanced JavaScript	freeCodeCamp	2021

SKILLS

Frontend and mobile: React, Next.js, TypeScript, Vue 3, Tailwind CSS, Flutter
Backend and data: Node.js, Express, Python, FastAPI, Django, Frappe / ERPNext, PostgreSQL, Supabase, MongoDB, Redis
Infrastructure and quality: Vercel, Cloudflare Workers, Docker, GitHub Actions, Vitest, Jest, Cypress, Sentry, OpenAI, LangChain