Afzal Hussain

Senior Software Engineer

afzal@afzal.app · +94 77 175 7509 · Singapore (Remote) · Open to remote roles & relocation
afzal.app · github.com/Afsal102 · linkedin.com/in/afzal-hussain-14a81117b

SUMMARY

Senior software engineer with six years shipping production systems — TypeScript and React/Next.js on the front, Node and Postgres behind it, deployed on Cloudflare. At Glints I led work across monetisation, payments and performance, and built tooling that replaced paid third-party services. I ship end-to-end and care about outcomes you can measure. Outside work I design, build and run my own products, several live with real users.

SKILLS

Languages	TypeScript · JavaScript · Dart
Frontend	React · Next.js · TanStack Start · Tailwind CSS
Backend	Node.js (Koa) · REST & GraphQL APIs · PostgreSQL · Supabase · MongoDB
Platform	Cloudflare Workers/Pages · Vite · CI/CD · Vitest · Playwright · Cypress
AI	LLM-powered features — drafting, extraction, chat — with structured outputs and guardrails

EXPERIENCE

Glints — Singapore
Dec 2021 – Present

Senior Software Engineer · Jan 2023 – Present

- Led SPA prerendering work that lifted organic search visibility — click-through rate up 30%.
- Integrated third-party payment providers, expanding transaction capabilities across the product.
- Built an internal analytics tool for user-journey tracking, removing reliance on paid third-party tooling.
- Built metrics dashboards that made job-listing impact visible, driving data-informed decisions.
- Mentored junior engineers and ran technical interviews for the hiring pipeline.

Mobile Engineer · Dec 2021 – Jan 2023

- Built REST and GraphQL APIs powering monetised app features.
- Engineered in-app purchases with IAP and App Store libraries for premium feature access.
- Cut app download size by 20%+ and introduced end-to-end testing for release confidence.

Exzitan — Colombo, Sri Lanka
Dec 2020 – Dec 2021

Software Engineer

- Built backend REST APIs for frontend integration.
- Developed reusable in-house libraries adopted across multiple projects.
- Shipped Flutter apps to production and managed their store launches.

SELECTED PROJECTS

GemOS — inventory-to-WhatsApp platform for gemstone dealers; live with real dealers.
Next.js · Supabase · gems-beruwala.com

CarWatch LK — used-vehicle asking price trends collected from public marketplaces.
TanStack Start · Supabase · Cloudflare · carwatch-lk.afzal.app

LKR FX — exchange rates from official and bank sources, with per-number provenance and email alerts.
TanStack Start · Cloudflare · lkr-fx.afzal.app

Framegrab — local-first video frame extractor; native-resolution exports, nothing leaves the browser.
React · Web Workers · framely.gems-beruwala.com

EDUCATION

NIBM — Colombo · Bachelor of Computer Science, Software Engineering