

Rafay Farrukh

Software Engineer • Full-Stack & Distributed Systems

Lahore, Pakistan • +92 313 4079795 • rafayfarrukh941@gmail.com

rafayfarrukh.com • github.com/RafayFarrukh • linkedin.com/in/rafay-farrukh-96532b201

Open to fully remote, work-from-anywhere roles. Available as a contractor via Deel, Payoneer, or Wise.

SUMMARY

Full-stack engineer with 5 years of experience, the last 4 fully remote for teams in South Korea and Saudi Arabia. Currently at MegaEvolution, where I own server architecture for an influencer-marketing platform serving 300 creators and brands; before that I architected an SEO automation and analytics platform end to end for More Vision. I build React front-ends on Node.js and TypeScript services, design PostgreSQL schemas that stay fast as they grow, and keep long-running work off the request path with BullMQ and Redis. Both products are live: megaevolution.io and seo.morevision.ai.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, C#, SQL, HTML, CSS

Backend: Node.js, Express.js, tRPC, FastAPI, Flask, .NET, REST APIs, Socket.IO, BullMQ, Redis, JWT, OAuth 2.0, passkeys, RBAC

Frontend & Data: React.js, Next.js, React Native, TanStack Query/Router, PostgreSQL, MySQL, MongoDB, Prisma ORM

Cloud & DevOps: Azure (AKS, ACR), AWS (EC2, S3), Azure DevOps, Docker, Kubernetes, Terraform, CI/CD, Nx, Vitest, Playwright, Git

Integrations: Google Search Console, Google Ads, Meta Ads, DataForSEO, Stripe, PayPal, Puppeteer, LLM APIs

EXPERIENCE

Full-Stack Software Engineer — MegaEvolution

Jan 2024 – Present

South Korea (Remote)

TypeScript, Node.js, tRPC, Prisma, PostgreSQL, BullMQ/Redis, Socket.IO, React, Azure, Terraform

- Own server architecture across a TypeScript/Nx monorepo for an influencer-marketing platform serving 300 creators and brands. Backend lead on the Agency Order System, the platform's largest subsystem, built from scratch: a multi-tenant campaign workspace of 20 domain modules (orders, listings, finance, invoices, contracts, guest access, reporting) exposed as 90+ tRPC procedures over a normalized Prisma/PostgreSQL schema.
- Built payments and invoicing end to end: multi-stage pre/post-payment flows, payment holds, a gateway abstraction, creator invoices with PDF generation and payouts, and multi-currency pricing.
- Built a BullMQ-queued notifications engine unifying the activity feed and email, deduplicated and role-scoped across buyer, creator, admin, and guest, plus scheduled posting and reminders.
- Built real-time chat on Socket.IO (multi-participant sessions, unread counts, attachments, guest access) and the state machines behind proposals, revisions, licensing, delivery, and late orders.
- Hardened auth across local, Google, Facebook, and passkey login with account pre-hijacking defenses and step-up verification; fixed SQL-injection exposure and migrated raw SQL to Prisma.
- Run Azure DevOps CI/CD and Terraform-managed infrastructure (AKS, ACR, Blob Storage) across environments, cutting deploy time by 30%. Led the 1.0 launch hardening round with Vitest and Playwright coverage and concurrency fixes.

Full-Stack Software Engineer — More Vision

Nov 2022 – Dec 2023

Saudi Arabia (Remote)

Node.js, TypeScript, PostgreSQL, Prisma, BullMQ/Redis, React, Google APIs, Puppeteer

- Architected and shipped a full-stack SEO automation and analytics platform serving 15 clients, owning the React front-end, REST APIs, and application server end to end.
- Built a distributed website-analysis system with Puppeteer-based crawling and automated duplicate detection, indexing 1,000+ pages of unstructured content and cutting manual audit effort by 80%.
- Shipped ingestion pipelines against Google Search Console (OAuth 2.0), Google Ads, and Meta Ads, syncing 1,000 records/day into automated monthly client reports, moving long-running work off the request path with BullMQ and Redis with retries and failure recovery built in.
- Tuned the PostgreSQL schema and Prisma query layer, cutting the main dashboard from roughly 12 seconds to under half a second. Added JWT auth, RBAC, and plan-based entitlements.

Full-Stack Engineer — Tech Titans

Apr 2022 – Nov 2022

Lahore, Pakistan

Node.js, React, MySQL, Payment Gateways

- Built crypto, payment, and trading features in a Node.js/React app, integrating third-party financial APIs with idempotent transaction processing, retries, and failure recovery. Implemented JWT and OAuth auth and tuned MySQL on the busiest endpoints.

Full-Stack Developer — Nimse Tech

Aug 2021 – Apr 2022

Lahore, Pakistan

Node.js, React, AWS, Stripe

- Designed and built the backend for an e-commerce platform on AWS, plus checkout (Stripe, Google Pay, Apple Pay), an admin panel for inventory and orders, and a real-time support chat.

EDUCATION

B.S. in Computer Science — COMSATS University Islamabad (Lahore Campus)

Sep 2019 – May 2023