# Shahriar Shojib

Auckland 1026 (Open Work Visa) | 022 100 4502 | shojib0@proton.me | LinkedIn | GitHub

## Summary

I bring over 12 years of experience in tech, with 8 in software engineering, 6 of them leading teams, and 4 before that as a System Administrator. I design systems that stay fast and stable under heavy load. I've shipped four AI-first products to production. I lead by example. My team gets the docs and access they need up front, and when someone is struggling, I pair with them until they're back on track. I also help teams adopt AI by turning repetitive dev work into skills, automations and internal tools, so engineers can focus on bigger problems.

## Skills

**Languages**: TypeScript, JavaScript, Go, Rust, Python

**Backend**: Node.js, Bun, NestJS, Fastify, Express, BullMQ, WebSockets, CRDTs (Yjs)

**Frontend & Mobile**: React, Next.js, TanStack, React Native, Expo, Electron, Browser extensions

**Data**: PostgreSQL, MongoDB, MySQL, Redis, Typesense, Qdrant, Prisma, Drizzle

**AI**: Agentic workflows, RAG, MCP, LLM evals, Vercel AI SDK, LiveKit Agents, AWS Bedrock, Azure OpenAI

**Cloud & Infra**: AWS, Cloudflare Workers, GCP, Azure, Docker, Kubernetes, GitHub Actions, Linux, nginx

**Observability & Testing**: OpenTelemetry, Sentry, Grafana, Datadog, Playwright, Vitest, Locust

## Experience

**Tixio Technologies AS & Getonnet AS** — Ulefoss, Norway (Remote)

*Principal Software Engineer* — *Sep 2021 – Present*

- Lead a team of up to 10 full-stack engineers across Tixio, Vadio and client projects. I play a critical role in shaping the product roadmap by making decisions from data, experience and customer conversations.
- Built AI agents for site inspections and meeting summaries (LiveKit Agents, Whisper) that produce reports, offers and invoices, so service businesses in Norway get more done. We monitor them in production for hallucinations, quality and token spend.
- Built Tixio's MCP server on Cloudflare Workers. It has 5k monthly users and lifted retention by 10%.
- Built real-time collaboration on CRDTs. Daily users tripled to 900 in 4 months, and sessions got 50% longer.
- Designed and run a platform that handles over 2 million requests a day with 99.9% uptime.
- Took Tixio through Google's CASA Tier 2 security assessment, and built SSO over SAML and OIDC plus OAuth 2.1 for MCP clients.
- Hired 6 engineers and promoted 2. Helped two poorly performing developers improve their delivery quality through coaching and mentoring.
- Brought AI into the team's daily work with Claude Code skills for our dev workflows, and a clear review bar for AI-written code.
- Built our internal hosting platform, which ties together OVH, AWS, Cloudflare, WHM, Plesk and domain registrars. It handles customer support, monitoring and new deployments, and replaced WHMCS.
- Cut infrastructure costs by self-hosting Grafana, Prometheus, Sentry, LiveKit, Headscale and Vaultwarden on our own bare-metal servers at OVH, saving over NZD 5,000 a month in subscription costs.

**Products:** Tixio | Vadio

**EZCart** — Remote

*Founder & Lead Engineer (side project, alongside Tixio)* — *Jan 2026 – May 2026 (paused)*

- Built an AI sales agent for social sellers in Bangladesh. It talks to shoppers on Messenger, Instagram and WhatsApp, finds products, takes orders and hands over to a human when it isn't sure. I ran it with 3 pilot merchants and paused it when I moved to New Zealand.
- Built it on the Vercel AI SDK with Gemini, Claude and OpenAI models, with evaluations that track quality and cost per conversation. Shoppers can send a product photo or a Bengali voice note and get a match.
- Connected it to Shopify, WooCommerce, 4 courier services, and bKash and SSLCommerz payments.

**Quicket** — Remote

*Consulting Engineer (side contract, alongside Tixio)* — *Sep 2025 – Jan 2026*

- Built a fast sales layer in front of quicket.me's legacy Django site for football match ticket sales in Bangladesh. It handled 4 million visitors, and every ticket sold within 5 minutes of launch.

- Built atomic seat reservations on DragonflyDB with Lua scripts, so no seat could ever be sold twice.
- Wrote it in Bun and Elysia and tuned it to 40k requests per second on a single OVH bare-metal server, which had plenty of headroom on launch day.

**Zaynax Limited** Dhaka, Bangladesh
*Senior Software Engineer (Team Lead)* *Oct 2020 – Sep 2021*

- Led 9 engineers across web, backend and native mobile (Kotlin, Swift) at a multi-vendor e-commerce group.
- Built two B2B and B2C products from scratch. They reached 1,000+ active users in the first year and cut operational overhead by 20%.
- Designed the microservices and a sub-second product search over 1M+ items on Typesense.
- Owned AWS and deployments, and cut infrastructure costs to a third.

**LVSB** Montreal, QC, Canada (Remote)
*Full Stack Engineer* *Mar 2018 – Oct 2020*

- Modernised legacy websites. PageSpeed scores went up 50% and organic traffic went up 30%.
- Automated live game score updates on serverless infrastructure, processing over 100k data points a day.

**LVSB · Digital Cusp · Custard Online Marketing** Remote
*Systems Administrator* *2014 – 2018*

- Ran private cloud servers, web hosting and email for clients in Canada, the US and the UK, and kept them secure and fast.

## Open Source

- **TSGONest**: Author. NestJS compiler in Go, built on typescript-go: validation, OpenAPI and typed SDKs generated from TypeScript types at compile time. 15k+ npm downloads in the past year.
- **Plate**: Rich-text editor, 16k stars. Moved the build from Rollup to tsup across 40+ packages and fixed broken type declarations.
- **Novu**: Async NestJS module setup in core, and the first version of the Novu Rust SDK.
- **tldraw**: Whiteboard library, 51k stars. Fixed the Yjs multiplayer example so a user's presence is removed when they disconnect.

## Work Authorisation

Open work visa, valid until May 2028. No employer sponsorship required.

Referees available on request.