Mohammad Sharif Uddin

Technical Lead | Senior Software Engineer

Dhaka, Bangladesh | mail@sharifrahat.com | +880 1726 29 29 97

sharifrahat.com | github.com/sharifmrahat | linkedin.com/in/sharifmrahat

PROFILE SUMMARY

Technical Lead and Senior Software Engineer with 5+ years of experience building enterprise web systems, most recently a multi-industry SaaS ERP for BDO Singapore. Leads a team of 10 engineers and owns architecture, delivery and client communication. Strong in Node.js, PostgreSQL and DevOps on Azure, with a record of large migrations and performance and security fixes.

WORK EXPERIENCE

Techzu Ichicode Pte. Ltd. — Singapore, remote Oct 2025 – Present

Technical Lead · Jul 2026 – Present

- **Ownership:** Own all modules and the architecture of a multi-industry SaaS ERP for BDO Singapore, live for medical-equipment and food & beverage businesses.
- **Team & delivery:** Lead 10 engineers as sprint lead: code review, planning in ClickUp, and main contact for the client and top management.
- **New systems:** Architected and built the License Control Center (LCC) and Report Studio for configurable business reports.
- **Reliability & security:** Fixed slow-query bottlenecks and security gaps, standardised error handling, set up Sentry and Grafana, and load-tested releases with k6.
- **DevOps:** Own CI/CD, Azure infrastructure, Coolify deployments and database administration across staging and production.

Senior Software Engineer · Oct 2025 – Jun 2026

- Owned the Inventory, Production and Administration modules, and designed the inventory module on an SAP Business One model: serial and batch tracking, barcodes, warehouses and all transaction types.

Lapasar Sdn. Bhd. — Malaysia, remote Jan 2022 – Sep 2025

Mid-Senior Full Stack Engineer · Jan 2024 – Sep 2025 · Full Stack Engineer · Jan 2022 – Dec 2023

- **Wholesale ERP:** Core engineer on the in-house wholesale ERP and a key contributor to its V3 → V4 rebuild: orders and sales, procurement, inventory, warehouse and logistics modules.
- **Platform:** Built the workflow engine, credit terms, the company-merge flow, an in-memory caching layer and analytics dashboards.
- **Borong e-commerce:** Led frontend development of Borong V4 (Nuxt.js), then delivered the V5 migration to SvelteKit with i18n, theming, PWA and SSR.
- **LPSR component library:** Created the company's shared UI component library from scratch.

KEY SKILLS

Architecture: System design, SaaS ERP architecture, Multi-tenancy, REST & GraphQL API design, Message queues & event-driven workflows, Caching strategies, Licensing & reporting systems

Languages: TypeScript, JavaScript, SQL, Go

Frontend: React, Next.js, Vue, Nuxt, Svelte/SvelteKit, React Native, Redux, Tailwind, shadcn/ui

Backend: Node.js, Express, NestJS, Fastify, Bun, Gin, Fiber, GraphQL, tRPC, WebSocket, OpenAPI

Data: PostgreSQL, MySQL, Redis, MongoDB, Elasticsearch, RabbitMQ, Sequelize, Prisma, TypeORM, Mongoose, Drizzle

Cloud & DevOps: Azure, AWS S3, Docker, Coolify, CI/CD (GitHub Actions / Azure DevOps), Linux, Nginx, Cloudflare

Quality & observability: Sentry, Grafana, Prometheus, k6 load testing, Vitest / Jest, Security hardening

EDUCATION

PGD in Business IT, Bangladesh University of Engineering & Technology (BUET) 2025 – 2026

BSc in Engineering, Bangladesh University of Textiles (BUTEX) 2016 – 2021

VOLUNTEER EXPERIENCE

Joint Convenor, Hilful Fuzul Youth Organization 2020 – Present

Campus Ambassador, Bangladesh Science Society 2016 – 2018