

Mohammad Sharif Uddin

Technical Lead | Senior Software Engineer

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PROFILE

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.

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.

EDUCATION

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

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

VOLUNTEERING

Joint Convenor, Hilful Fuzul Youth Organization — 2020 – Present

Campus Ambassador, Bangladesh Science Society — 2016 – 2018

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