

MD SHAMIMUL HAQUE

Senior Software Engineer | Engineering Lead | ERP & Backend Systems

Dhaka, Bangladesh · +880 1977 424884 · shamim424884@gmail.com

linkedin.com/in/mdshamimulhaque · portfolio.softshamim.com

PROFESSIONAL SUMMARY

Enterprise systems engineer with 10+ years designing, building and leading delivery of mission-critical platforms in manufacturing and government. Architected a 19-module ERP for a 5,800-employee apparel manufacturer, integrating 20+ departments and lifting data accuracy from ~25% to 95% with no production downtime across a seven-year rollout. Currently lead a team of 8 engineers delivering secure, zero-downtime systems for 1,000+ users.

Deep expertise in Laravel, PHP, MySQL and REST API design, with a strong focus on database performance, role-based security and long-term maintainability. Experienced owning delivery end to end — from requirements and process discovery through to production, data integrity and the change management that gets enterprise systems actually adopted.

TECHNICAL SKILLS

Backend: PHP, Laravel, RESTful API design, Sanctum/Passport authentication, third-party integrations

Data: MySQL, schema design, query optimization, reporting engines, large-scale data migration

Frontend: Vue.js, JavaScript (ES6+), HTML5/CSS3, Bootstrap, Tailwind CSS

Architecture: ERP & enterprise systems, modular monolith, role-based access control (RBAC), system integration

DevOps & Tools: Docker, CI/CD, Linux, Nginx, Git/GitHub, logging & monitoring

Leadership: Team leadership, code & architecture review, mentoring, requirements analysis, stakeholder management, change management

PROFESSIONAL EXPERIENCE

Bangladesh Army — IT Directorate — Dhaka, Bangladesh

Aug 2023 – Present

Assistant Team Lead (Software Development)

- Lead a team of 8 engineers across 6 concurrent projects, delivering secure, mission-critical enterprise systems under zero-downtime requirements for 1,000+ users nationwide.
- Architected role-based access control (RBAC) and secure workflow systems protecting sensitive operational data.
- Drove modernization initiatives replacing manual processes with automated systems — decision-support tools, inventory and logistics automation, and centralised data portals — improving reporting speed by up to 90% and substantially strengthening audit readiness.
- Established architecture and code review standards across the team, measurably reducing production defects and rework.
- Translate complex operational requirements from senior stakeholders into technical architecture, bridging non-technical leadership and engineering.

Texeurop (BD) Ltd — Gazipur, Bangladesh

Apr 2016 – Jul 2023

Apparel manufacturer · 5,800 employees · 64 production lines — promoted twice in seven years

Head of Software

Oct 2022 – Jul 2023

- Promoted to lead the software department after six years building the company's core ERP platform.
- Owned the full 19-module ERP across 20+ departments — merchandising, production, inventory, costing, finance, HR, payroll, supply chain, knitting, wet processing, PLM and reporting.
- Lifted organizational data accuracy from ~25% to 95% and cut costing turnaround from 2–3 days to hourly.
- Led change management across departments — process discovery, SOP definition and user adoption, from finance staff to floor supervisors.
- Set coding standards, architecture guidelines and development workflows, and aligned the software roadmap with senior management's growth targets.

Senior Software Engineer

Apr 2019 – Sep 2022

- Refactored high-traffic ERP applications for ~40% faster API response times, working from measured bottlenecks rather than assumptions.

- Designed the unified master-data schema (products, materials, suppliers, cost centers) that made cross-department reporting possible.
- Built the reporting engine with optimized query paths and materialised aggregates for heavy production and costing views.
- Built a real-time production tracking and cost analyzer that surfaced variance while orders were still on the floor, improving cost accuracy by 30%.
- Implemented centralised logging and monitoring; mentored junior engineers and led architecture-focused code reviews.

Software Engineer

Apr 2016 – Mar 2019

- Built core ERP modules for production, inventory and HR workflows across a 64-line manufacturing operation.
- Developed REST APIs for real-time data synchronization, reducing latency by ~40%.
- Migrated 13+ years of historical data without loss during a phased, module-by-module rollout.

MetroNet Bangladesh Ltd — Dhaka, Bangladesh

Jul 2015 – Mar 2016

Assistant System Engineer

- Provided enterprise system and network support for a nationwide internet provider, maintaining ~99% service uptime through monitoring, troubleshooting and documentation.

SELECTED PROJECTS

Wardrobe PLM / ERP — Laravel, Vue.js, MySQL, REST APIs

- Enterprise apparel-manufacturing platform unifying 19 modules with granular RBAC; delivered module by module alongside existing manual processes with zero production downtime over seven years.

Digital Reception System — Laravel, MySQL

- Automated visitor management with ID generation and SMS host notification, cutting check-in from 3 minutes to under 45 seconds with a fully searchable audit trail.

Sab'a Sanabil Foundation Donation Platform — Laravel, MySQL, SSLCommerz

- Donation platform for a registered charity with one-time and recurring giving, live fundraising progress, a Zakat calculator and payment-gateway integration.

Full portfolio with live links: portfolio.softshamim.com

EDUCATION

Bachelor of Science in Computer Science & Engineering

University of Information Technology & Sciences (UITS), Dhaka, Bangladesh

REFEREES

Available on request — including senior leadership from my current role, my former academic head of department, and a senior engineer at IBM.