

MD. SHAMIMUL HAQUE

Enterprise Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer and ERP / Enterprise Systems Architect with 10+ years designing and scaling mission-critical systems across manufacturing, industrial, and government environments.

Architected and delivered a 19-module ERP platform unifying merchandising, production, HR, finance, and supply chain into a single integrated system. Deep expertise in Laravel, PHP, MySQL, and REST API design, with a focus on database performance, role-based security, and long-term maintainability. Experienced in leading development teams, modernizing legacy systems, and owning delivery from requirements through production.

CORE EXPERTISE

- ERP & enterprise system architecture
- Backend development & API design — Laravel, PHP, MySQL
- Database design & performance optimization
- Secure development & role-based access control
- Business process automation & workflow design
- System integration & large-scale deployment
- Technical leadership, code quality & mentoring

PROFESSIONAL EXPERIENCE

- 08/2023 – Present **Assistant Team Lead (Software Development),**
Bangladesh Army – ITDSC, IT DTE, GS BR, AHQ 📁
- Design and develop mission-critical, secure enterprise systems operating in high-reliability government environments with zero-downtime requirements
 - Lead a team of 8 engineers building scalable backend platforms — owning performance, security, and code-quality standards across 6 projects
 - Architected role-based access control (RBAC) and secure workflow systems protecting sensitive operational data for 1000+ users
 - Translate complex operational requirements from senior stakeholders into technical architecture — bridging non-technical leadership and engineering teams
 - Conduct architecture and code reviews across the team, setting standards that cut production defects and rework
 - Drive modernization initiatives replacing manual processes with automated systems across 20+ departments
- 10/2022 – 07/2023 **Head of Software (HOD), Texeurop (BD) Ltd.** 📁
- Promoted to lead the software department after 6+ years building the company's core ERP platform
 - Directed development of the full ERP ecosystem — 19+ departments including Inventory, Production, Costing, HR, PLM, and Reporting
 - Established coding standards, architecture guidelines, and development workflows adopted across the team
 - Partnered with senior management to align the software roadmap with business growth
 - Mentored engineers, improving delivery speed through better tooling and processes

- 04/2019 – 09/2022 **Senior Software Engineer, Texeurop (BD) Ltd.** [🔗](#)
- Developed and scaled enterprise ERP modules handling high transaction volumes and complex workflows
 - Refactored high-traffic applications, achieving ~40% faster API response times
 - Designed optimized database schemas, queries, and reporting engines
 - Implemented centralized logging and monitoring for performance and security diagnostics
 - Mentored junior engineers and conducted architecture-focused code reviews
- 04/2016 – 03/2019 **Software Engineer, Texeurop (BD) Ltd.** [🔗](#)
- Built core ERP modules for production, inventory, and HR workflows
 - Developed REST APIs for real-time data synchronization, reducing latency by ~40%
 - Improved system stability through refactoring, bug fixing, and performance tuning
- 07/2015 – 03/2016 **Assistant System Engineer, MetroNet Bangladesh Limited** [🔗](#)
- Provided enterprise system and network support, maintaining ~99% service uptime
 - Assisted in system monitoring, troubleshooting, and technical documentation

KEY PROJECTS & IMPACT

WARDROBE PLM [🔗](#), -Enterprise ERP / PLM Platform

- Architected a modular ERP integrating 19+ departments
- Improved data accuracy to 95% and reduced workflow redundancy by 20%

Production Tracking & Cost Analyzer [🔗](#)

- Built real-time production monitoring with cost analytics.
- Reduced reporting delays and improved cost accuracy by 30%.

Digital Reception System [🔗](#)

- Automated visitor management with ID generation and SMS notifications, reducing registration time from 3 minutes to <45 seconds

Bangladesh Army Automation Systems

- Developed Decision Support System, Inventory, Logistics Automation, and Centralized data portals.
- Improved reporting speed by up to 90% and enhanced audit readiness.

EDUCATION

2010 – 2014 **B.Sc in Computer Science & Engineering (CSE),**
Dhaka, Bangladesh *University of Information Technology & Sciences (UITS)* [🔗](#)

TECH STACK

Laravel, PHP, MySQL, JavaScript, Vue.js, REST APIs, RBAC, Git, Docker, CI/CD, Linux, Nginx

REFERENCES

Al Imtiaz, Assistant Professor & Head, Department of CSE, UITS
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