

# Mohammad Imran Hossain

Dhaka, Bangladesh — Open to relocation  
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[GitHub](#) • [LinkedIn](#) • [Interactive Portfolio](#) • [Technical Blog](#)

**Technical Lead with almost 7 years building enterprise web platforms.** Specialized in migrating legacy monoliths to microservices and database performance optimization with expertise in scaling applications from thousands to millions of users. Expert in Laravel/Vue.js with strong experience in React and Node.js. Proven full-stack development leadership across 8+ engineers and 3 development teams. Delivered systems serving millions of records daily at Bangladesh's largest telecom. Also a published author in Springer journal. **Complete project case studies and live demos available in portfolio.**

## EXPERIENCE

**Technical Lead • Grameenphone Telecom (82M+ subscribers) • Jul 2022 – Present**  
*Employed by Brain Station 23 PLC*

- ▶ Architected reporting module serving millions of records daily; most-used feature across teams
- ▶ Led 11-service migration with 5-person team; standardized API contracts across services
- ▶ Cut query times 95% (20min → 30sec) via indexing/caching → [Blog](#)
- ▶ Implemented PLG stack observability; reduced MTTR → [Case Study](#)
- ▶ Rewrote Docker deployment; eliminated external dependencies → [Details](#)
- ▶ Mentored 8+ engineers across 3 teams; drove best practices adoption

**Senior Software Engineer • Brain Station 23 (800+ employees) • Nov 2018 – Jun 2022**

- ▶ Built ERP modules (Accounting, HRM, Training) for Bangladesh Academy of Rural Development
- ▶ Improved performance with query optimization and Redis caching on high-traffic endpoints
- ▶ Owned features end-to-end: requirements → design → implementation → client communication

## SELECTED PROJECTS

**Dynamic Workflow Engine (DWE) — Enterprise Microservices Platform**

- ▶ **Why:** Led modernization of legacy CakePHP system into scalable architecture for Bangladesh's largest telecom
- ▶ **Stack:** Laravel 9+, Vue 3, MySQL 8, Redis, RabbitMQ, Docker, MinIO, Nginx
- ▶ **Results:** 95% reduction in complex report time (20m → 30s); 11+ services, RBAC, dynamic forms, workflow engine, object storage
- ▶ **Links:** [GitHub Repository](#)

**SQL Playground — Interactive SQL Learning Platform**

- ▶ **Why:** Built this when I realized my SQL skills were getting rusty in the ORM era
- ▶ **Stack:** Laravel, React 18, TypeScript, MySQL, Docker, ReactFlow
- ▶ **Results:** Real-time SQL evaluation, progressive challenges, interactive schema, streaks & analytics
- ▶ **Links:** [Live Demo](#) • [GitHub](#)

**AWS Exam Prep — Full-Stack Learning Management**

- ▶ **Why:** Couldn't find a decent free AWS practice platform with 968+ questions, so I built one
- ▶ **Stack:** Laravel, Vue 3.4, MongoDB, Docker, Nginx, Vite
- ▶ **Results:** Topic-wise quizzes, mock exams, notes, analytics; microservices-ready containerized design
- ▶ **Links:** [GitHub Repository](#)

**README Reader Pro — Modern Markdown Viewer**

- ▶ **Why:** Multi-doc reading without losing focus during development
- ▶ **Stack:** React 19, TypeScript, Vite 7, Mermaid 11, CSS3
- ▶ **Results:** Interactive diagrams, multi-tab, 20+ languages, glassmorphism UI
- ▶ **Links:** [Live Demo](#) • [GitHub](#)

## CORE SKILLS

**Languages/Frameworks**  
**Expert:** PHP, Laravel, Vue.js, Nuxt.js  
**Strong:** JavaScript/TypeScript, React, Node.js/Express  
**Good:** CakePHP, Python

**Data/Storage**  
MySQL 8, MongoDB, Redis, MinIO (S3 compatible)

**Cloud/Infrastructure**  
AWS (S3, EC2, Lambda), Nginx, Docker, Docker Compose

**Messaging/Async**  
RabbitMQ, Laravel Queues, Webhooks

**DevEx/Tooling**  
Git, GitLab CI/CD, Jenkins, GitHub Actions, ESLint/Prettier, Vite, Jest/PHPUnit

**Practices**  
Microservices, Modular Monolith, REST APIs, Performance Tuning, Security, Observability, Agile/Scrum, Code Review, Mentorship

## EDUCATION

**B.Sc. in Computer Science & Engineering**  
International Islamic University, Chittagong, Bangladesh  
**CGPA:** 3.69/4.00 • 2014-2018

## AWARDS & RECOGNITION

- ★ Grameenphone Innovation Lab Q4 Award Winner
- ★ Inter-University App Contest Winner (2017)
- ★ Co-Author: nameGist Phonetic Algorithm (Springer, 2019)
- ★ IIUC Hackathon Judge (2020)
- ★ ACM ICPC Regional Participant (2015)

## PORTFOLIO & WRITING

- ▶ **Complete Portfolio** - Interactive project showcases
- ▶ **Technical Blog** - Problem-solving methodologies
- ▶ **Project Gallery** - Live demos & code walkthroughs

## COMPANY LINKS

- ▶ [Grameenphone](#)
- ▶ [Brain Station 23](#)