Mohammad Imran Hossain

Dhaka, Bangladesh — Open to relocation

Email: imranhossain16.ctg@gmail.com
Phone: +8801866803833 (WhatsApp)
GitHub: https://github.com/imranctg16
LinkedIn: https://www.linkedin.com/in/mohammad-imran-hossain-783803135
Portfolio: https://imran-react-portfolio.netlify.app
Technical Blog: https://imran-react-portfolio.netlify.app/blog

SUMMARY

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.

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

EXPERIENCE

Technical Lead (Augmented Resource)

Grameenphone Telecom Ltd. (82M+ subscribers, Bangladesh's largest telecom) • Jul 2022 – Present
Employed by Brain Station 23 PLC
Company Links: Grameenphone • Brain Station 23

- Rewrote Docker deployment; eliminated external dependencies; introduced GitLab CI/CD for automated build/test/deploy. Details: https://imran-react-portfolio.netlify.app/blog/3
- Implemented PLG stack observability; reduced MTTR and improved incident visibility. Case study: https://imran-react-portfolio.netlify.app/blog/4
- Architected reporting module serving millions of records daily; cut query times 95% (20min → 30sec) via indexing/caching; most-used feature across teams. Blog: https://imran-react-portfolio.netlify.app/blog/2
- Designed regulatory and compliance management system from scratch with automated workflows and audit trails.
- Led 11-service migration with 5-person team; standardized API contracts and mentored 8+ engineers across 3 teams driving best practices adoption.
- Created AWS Lambda-inspired dynamic function execution feature allowing admins to choose and run functions with customized parameter values through intuitive interface.

Senior Software Engineer → Software Engineer → Associate Software Engineer
Brain Station 23 PLC (Leading software company, 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.
- Created Kaizen-inspired continuous improvement project for Bangladesh Ministry of Industries; awarded for best innovations in industry field.
- 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

Note: Proprietary enterprise project - code repository not available for sharing

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: https://imran-sql-playground.netlify.app • GitHub: https://github.com/imranctg16/sql-playground

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: https://github.com/imranctg16/aws-exam-prep

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: https://readme-reader.netlify.app • GitHub: https://github.com/imranctg16/readme-reader

PORTFOLIO & WRITING

- ▶ **Complete Portfolio** - Interactive project showcases: https://imran-react-portfolio.netlify.app
- ▶ **Technical Blog** - Problem-solving methodologies: https://imran-react-portfolio.netlify.app/blog
- ▶ **Project Gallery** - Live demos & code walkthroughs: https://imran-react-portfolio.netlify.app/projects

EDUCATION

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

LANGUAGES

- ▶ **Bengali** — Native proficiency
- ▶ **English** — Fluent (written and verbal communication)
- ▶ **Hindi/Urdu** — Moderate proficiency
- ▶ **Arabic** — Reading proficiency

AWARDS & RECOGNITION

- ▶ **Grameenphone Innovation Lab Q4 Award Winner** - Outstanding technical contributions in telecom platform development
- ▶ **Inter-University App Contest Winner (2017)** - First place among 50+ teams for innovative mobile solution
- ▶ **Published Author** - Co-authored "nameGist: A Phonetic Algorithm" (Springer, 2019)
- ▶ **Technical Judge** - IIUC Hackathon (2020) - Evaluated solutions and mentored participants
- ▶ **ACM ICPC Regional Participant (2015)** - Represented university in international programming contest