

ABDUR RAKIB

Senior Software Engineer (Backend-Focused)

Dhaka, Bangladesh • +880 1767-584854 • abdurakib961@gmail.com

linkedin.com/in/abdurakibcseruet • github.com/abdur-rakib • abdur-rakib.github.io

SUMMARY

Software Engineer with 5+ years of experience building scalable web, mobile, and backend systems. Skilled in React.js, Node.js, React Native, Docker, and API Gateways for secure and efficient architectures. Experienced in designing and integrating RESTful and microservice-based APIs, implementing event-driven architectures, performance optimization, and production-grade systems.

TECHNICAL SKILLS & TOOLS

- **Architecture:** Microservices • Event-Driven Systems • High Availability • Scalable System Design • OOP & SOLID Principles • Dependency Injection
 - **Languages & Frameworks:** JavaScript • TypeScript • Node.js • Nest.js • Express.js • React.js • Next.js • React Native • Redux • RESTful APIs
 - **Data & Messaging:** MySQL • Cassandra • ScyllaDB • Redis • RabbitMQ • EFK Stack (*Familiar*)
 - **DevOps & Tools:** Docker • Kubernetes (*Familiar*) • Jenkins (*Familiar*) • Git • JMeter • k6 • Jira • Jest • Swagger • GitLab CI / GitHub Actions (CI) • Agile
 - **API Gateway & Security:** Kong API Gateway • Express Gateway • OAuth 2.0 • JWT • OWASP Top 10 Security Practices • HTTP Header Security
-

PROFESSIONAL EXPERIENCE

bKash Limited

Jul 2026 - Present

Senior Engineer, Software Development

Bitoron

Tech Stack: Node.js • Express.js • RabbitMQ • ScyllaDB • API Gateway • Docker • Next.js

- Contributing to Bitoron, bKash's corporate disbursement platform that enables organizations, NGOs, and government agencies to send stipends and grants directly to beneficiaries' bKash accounts at a national scale.
- Delivering new features, bug fixes, and performance optimizations across both backend (Node.js, Express.js microservices) and frontend, improving reliability and maintainability of a production-critical fintech platform.

Subscription Management System - MyGP

Tech Stack: Node.js • NestJS • Redis • RabbitMQ • MySQL • Express Gateway • Docker • Jest

- Developed a microservices-based Subscription Management System capable of handling millions of API calls daily, supporting scalable auto-recharge and OTT/Gaming subscription workflows within the MyGP app.
- Implemented Auto-Recharge for low-balance and scheduled top-ups, and developed OTT/Gaming subscription modules supporting one-time and recurring plans, generating 450K+ BDT/day in new revenue streams.
- Integrated an Express-based API Gateway, designing custom policies for JWT and basic authentication, rate limiting, and centralized logging – significantly improving API security and observability.
- Implemented a GitLab CI pipeline to run unit tests and enforce coverage thresholds on every merge request, ensuring code quality and reliable deployments.

Identity Service - MyGP

Tech Stack: NestJS • React.js • Refine • Kong API Gateway • TypeScript • MySQL • Docker

- Developed an Identity Service with REST APIs and an admin panel to manage whitelisted phone numbers per project, enabling safe testing in real environments
- Implemented a verification API layer to check if a phone number is authorized for a specific project, ensuring secure and controlled access during testing.
- Integrated with Kong API Gateway, creating custom plugins that invoke the verification API to validate request payloads, enforce authentication, and allow only whitelisted numbers, effectively blocking unauthorized requests.
- Reduced fraudulent API requests by 90% in the testing environment, preventing misuse of real production data while maintaining controlled testing workflows.

Cross-platform B2B E-commerce App - Nath

Tech Stack: React Native • Redux • RESTful APIs • React Native Paper • Flipper

- Designed and developed a cross-platform React Native app for agents of an e-commerce company, enabling offline-first order management in remote areas.
- Optimized app performance by 30%, improving responsiveness, reducing load times, and enhancing scalability for field operations, which contributed to a €2000 increase in daily sales.
- Collaborated closely with clients to gather requirements, define features, and coordinate work across frontend and backend teams, resulting in improved client satisfaction and timely delivery.

EDUCATION