

MD RABIUL ISLAM SANTO

Software Engineer | Java & Spring Boot | Backend Development | SaaS Platforms
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PROFESSIONAL SUMMARY

Software Engineer with **2+ years of experience** building backend services for large-scale SaaS platforms serving **100,000+ users**, using **Java, Spring Boot, and PostgreSQL**. Cut API response times by 30%, achieved 95% automated test coverage via TDD, and sustained 99.8% platform uptime. Experienced across issue tracking, source control, code review, agile planning, and security evaluation.

TECHNICAL SKILLS

Backend: Java, Spring, Spring Boot, REST APIs, Microservices, Groovy, Grails, Apache Kafka, RabbitMQ, Resilience4j

Frontend: Angular, AngularJS, JavaScript, TypeScript, HTML, CSS

Databases: PostgreSQL, MySQL, DynamoDB (familiar) — schema design and query optimization

Cloud & DevOps: AWS (EC2, S3, IAM), Docker, Kubernetes (familiar), Jenkins, Maven, Gradle, CI/CD Pipelines

Source Control & Tracking: Git, GitLab, JIRA — issue tracking, branching workflows, code review

Quality Engineering: Test-Driven Development (TDD), JUnit, Mockito, Unit & Integration Testing, Test Automation

Security: Security evaluation, JWT Authentication, RBAC, Secure Coding, OWASP Principles

Methods & AI Tools: Agile/Scrum planning, Clean Architecture, SOLID • GitHub Copilot, AI-assisted development

Communication: English (full professional proficiency), Bangla (native)

PROFESSIONAL EXPERIENCE

Software Engineer

April 2024 – Present

BRAC IT Services Ltd — Software Engineering Department, Dhaka, Bangladesh

- Engineered scalable backend services with **Java, Spring Boot, Groovy, and Grails** for enterprise SaaS applications serving **100,000+ users**, delivering well-scoped features on time within a complex, large-scale codebase.
- Optimized RESTful APIs, PostgreSQL queries, and data payloads, **cutting average response times by 30%** across high-traffic modules.
- Built full-stack features with Spring Boot, Angular, and Vaadin — including the 360-Degree Feedback module (EPMS) — **improving evaluation workflow speed by 40%**.
- Designed interactive analytics dashboards with Angular and ApexCharts, **increasing platform adoption by 52%**.
- Secured sensitive data workflows for **100,000+ users** by implementing **JWT authentication, authorization, and role-based access control (RBAC)** with OWASP-aligned security evaluation.
- Achieved **95% automated test coverage** across backend services and API contracts through Test-Driven Development (TDD) with JUnit and Mockito, incorporating code-review feedback from senior engineers.
- Resolved production bugs by tracing issues through **JIRA issue tracking, Git/GitLab source control, and log analysis**, reducing recurring defects in business-critical modules.
- Automated CI/CD pipelines with GitLab, Maven, and Jenkins, **sustaining 99.8% platform uptime** while shipping in agile sprint cycles.

KEY PROJECTS

NexusPay — Java, Spring Boot, PostgreSQL, Kafka, Resilience4j, React, Next.js, TypeScript, Docker

- Developed a secure full-stack payment platform with digital wallets, concurrent P2P transactions, and **ACID-compliant** database operations aligned with large-scale SaaS architecture.
- Eliminated deadlocks and ensured data consistency under high concurrency using **database locking and API idempotency** patterns; added **Kafka async workflows and Resilience4j circuit-breaking** for fault tolerance.

360-Assessment — Spring Boot, Angular, JHipster, PostgreSQL

- Created a scalable enterprise SaaS evaluation platform with multi-source feedback workflows, analytics pipelines, and **RBAC** for secure multi-tenant data access; **boosted reporting efficiency by 40%** via optimized PostgreSQL queries and Angular dashboards.

EDUCATION

Bachelor of Science in Software Engineering • CGPA: 3.45 / 4.00

January 2020 – August 2025

Noakhali Science and Technology University — Noakhali, Bangladesh

ACHIEVEMENTS & AWARDS

- Champion** — BUET CSE Fest CTF security competition (Oct 2024) • **2nd Runner-Up** — National Cyber Drill (Dec 2021)
- Best Campus Leader** — Banglalink Applink (Nov 2022)