Rakibul Hasan
Software Engineer

(+880) 1955113004
Dhaka, Bangladesh
hasanrakib455@gmail.com

Portfolio: rakib-hasan-455.github.io
github.com/rakib-hasan-455
linkedin.com/in/rakibul-hasan-0455

Software Engineer with 2+ years of experience building scalable web applications using Java, Spring Boot, and Angular. Skilled in API optimization, multi-tenant architecture, authentication systems, and secure enterprise application development. Focused on delivering reliable, high-performance backend and full-stack solutions.

Skills

Backend	Java, Spring Boot, Spring MVC, Hibernate
Security	JWT, Spring Security, OAuth2, MFA, JSession
Frontend	Angular Material, Thymeleaf, JSP, Servlet, HTML, CSS, Tailwind, jQuery
Database	PostgreSQL, MySQL, MongoDB
Tools	Maven, Tomcat, Git, GitHub, GitLab, Bitbucket, Jira, Postman, JUnit, SLF4J
Reporting/Utilities:	Jasper Reports, Apache POI, GoJS

Technical Experience

Software Engineer — **Mar 2024 — Present**
Arollo Tech Limited — *Baridhara DOHS, Dhaka*

- Enhanced key modules of click-n-manage.com, a multi-tenant ISO certification platform used by 60+ European organizations, improving system scalability, performance, and tenant isolation.
- Optimized legacy REST APIs, cutting mobile app load times by up to 10× and significantly improving data throughput.
- Delivered 12+ production features and resolved 30+ critical bugs, ensuring 100% on-time release across 4 quarterly cycles.
- Conducted 50+ code reviews, improving code quality and reducing post-release defects by 15
- Coordinated with QA, product owners to deliver 10+ end-to-end features, reducing rework by 20% and accelerating release time.

Programming Assistant — **Nov 2022 — Feb 2024**
Southeast University — *Tejgaon, Dhaka*

- Architected the UMS (ums.seu.edu.bd) core using Angular with lazy loading, supporting 5,000+ users.
- Reduced initial application bundle size from 13MB → 4MB, improving load speed and performance.
- Implemented JWT authentication, 2FA to secure user accounts and Google Captcha for preventing bot attacks by 90%.
- Serving multi-theme navigation for 100+ different role, ensuring personalized access based on HR-defined designations.
- Developed 3 major LMS components - batch-wise curriculum, advising workflows, and anonymous evaluation forms—streamlining course management for 250+ faculty and 10+ departments.

Projects

Doctors Care — Medical Service Platform | Github — **July 2022 — Oct 2022**
- Architected core backend architecture with Spring Boot, Spring Security, Hibernate, and MySQL.
- Integrated SSLCommerz payment gateway (sandbox), enabling 99% automated and secured online transactions.
- Real-time private chat with WebSocket and implemented email notifications, improving communication efficiency by 100%.

Hotel Management System — Desktop app | Github — **Dec 2021 — Mar 2022**
- Developed a desktop hotel management system with JavaFX + JFoenix, handling 3 user roles (customer, manager, admin).
- Integrated MySQL via JDBC and automated role-based operations, reducing manual errors by 30%.
- Generated PDF reports with iTextPDF for daily revenue and occupancy summaries.

Pickachu Online Shop — E-commerce Web App | Github — **Mar 2022 — June 2022**
- Authentication, browsing, and order-management modules with Spring MVC, JSP, Servlet, and MySQL, handles 2000+ products.
- Admin panel for shop, optimized responsive UI with HTML, CSS, JS, Bootstrap, etc and reduced checkout time by 25%.

Achievements

Grand Finalist (4th Place) — Therap JavaFest 2022	July 2022 — Oct 2022
4th Place — SEU Intra-University Programming Contest 2022	Aug 2022

Education

Bachelor of Computer Science and Engineering; — **Jan 2020 — Dec 2023**
CGPA: 3.85/4.00, Southeast University — *Tejgaon, Dhaka*

Certifications

Master Generative AI with Java Spring Boot — Udemy (Shabbir Dawoodi)	Mar 2025
Java From Basic to Professional — Pondit (Syed Mainul Hossain)	Nov 2022 — Oct 2023