

Rakibul Hasan

Linkedin: Rakibul-Hasan-0455

Github: Rakibul-Hasan-0455

Wakatime: Rakib_Hasan_455

Email : hasanrakib455@gmail.com

Mobile : +8801955113004

Country : Bangladesh

PROGRAMMING SKILLS

- **Languages:** Java, JavaScript, TypeScript
- **Frameworks:** Spring Boot, Spring MVC, Hibernate, Angular
- **APIs and Protocols:** REST API, WebSocket
- **Front-end:** HTML, CSS, Bootstrap, Tailwind, Thymeleaf, jQuery, Material UI
- **Database:** MySQL, PostgreSQL, MongoDB
- **Reporting Tools:** Jasper Reports
- **Build tools & Web Servers:** Maven, Tomcat
- **Cloud Platforms:** Heroku, Render, Netlify
- **Tools:** Postman, Selenium
- **Versioning Tools:** Git, GitHub, GitLab, Bitbucket
- **Collaboration Tools:** Jira, Slack

EXPERIENCE

- **Arollo Tech Limited** DOHS Baridhara, Dhaka
Software Engineer *Mar 2024 - Present*
 - **Multi-Tenant Project - click-n-manage.com:** Worked on a live project serving 60+ European companies, implementing multi-tenant architecture to optimize resource usage and performance.
 - **API Optimization:** Improved mobile application loading time by 10x through optimization of legacy REST API code.
 - **Feature Development and Bug Fixing:** Developed new features and resolved bugs in a Java-based enterprise application, ensuring timely delivery of updates.
 - **Code Reviews:** Conducted thorough code reviews to uphold code quality and maintainability standards.
 - **Collaboration:** Collaborated with cross-functional teams to gather requirements and deliver high-quality software solutions.
- **Southeast University** Tejgaon, Dhaka
Programming Assistant *Nov 2022 - Feb 2024*
 - **Core Architecture for UMS - ums.seu.edu.bd:** Constructed the core architecture using the Angular framework with Lazy Loading, serving 5000+ active users.
 - **Bundle Optimization:** Reduced the initial bundle size from 13 MB to 4 MB, significantly improving initial load time.
 - **Authentication and Security:** Implemented JWT token-based authentication and enhanced security with two-factor authentication.
 - **Role-Based Navigation:** Architected a navigation bar granting access based on user designation as defined by the HR module.
 - **LMS for ERP Project:** Developed a Learning Management System (LMS) with features like batchwise curriculum, course advising, and anonymous evaluations.
 - **Supply Chain Management Module:** Gathered requirements and built the module from scratch, aligning with user workflows for supply chain management.

PROJECTS

• Doctors Care

- **Core Architecture:** Constructed using the Spring Boot framework with Spring Security.
- **Payment Gateway Integration:** Integrated SSLCommerz payment gateway (sandbox) to enable automated transaction processing.
- **Private Chatting Feature:** Included private chatting features with WebSocket.
- **Email Notification Service:** Developed email notification service for admins to communicate with users.
- **Technology Stack:** Spring Boot, Thymeleaf, JQuery, Hibernate, WebSocket, MySQL.

• Hotel Management System

- **Core Architecture:** Created using JavaFX and JFoenix material UI design.
- **Role-Based Functionality:** Implemented role-based users (customer, manager, admin) with functionalities based on roles.
- **Database Integration:** Used MySQL with JDBC connector for database management.
- **Technology Stack:** JavaFX, JFoenix, iTextPdf, JDBC, MySQL.

• Pickachu Online Shop

- **Web Application for E-commerce:** Developed a web application for Pickachu Online Shop where customers can log in and purchase desired products.
- **Admin Functionality:** Implemented admin functionality for store managers to add, update, and manage products in the store.
- **User Authentication:** Integrated user login and registration system with secure authentication for customers.
- **Database Management:** Used MySQL to manage product data, user information, and order history.
- **Responsive Design:** Created a responsive and user-friendly front-end using HTML, CSS, JavaScript, and Bootstrap for seamless customer experience.
- **Technology Stack:** Spring MVC, Servlet, JSP, MySQL, HTML, CSS, JavaScript, Bootstrap.

RECENT ACHIEVEMENTS

- **2nd Version of SEU UMS:** Released the 2nd version of SEU UMS in 2023.
- **Therap JavaFest 2022:** Grand Finalist and 4th place in Therap JavaFest 2022.
- **SEU Intra University Programming Contest 2022:** Secured 4th place in the SEU Intra University Programming Contest 2022.

EDUCATION

• Southeast University

Bachelor of Science in Computer Science and Engineering; CGPA: 3.85

Tejgaon, Dhaka

Mar. 2020 – Feb. 2024