

Md. Rakibul Hasan[✉]

Software Developer

✉ hasanrakib455@gmail.com

☎ +8801955113004

🌐 Rakibul-Hasan-0455

👤 Rakib-Hasan-455

From the beginning of university, I have a strong interest in programming and technology. As per interest I solved over 300+ problems from different OJ and participated in different competitions like Therap Javafest, ICPC etc. Also I have done a job for about 1.3 years to enhance my skillset as programmer in the software field. Currently, I am looking for a job to establish myself as a good software engineer.

Education

- CGPA: 3.85 out of 4
- Duration: Jan 30, 2020 - Feb 15, 2024
- B.Sc. in Computer Science & Engineering,
- Southeast University, Dhaka, Bangladesh

Skills

- Java
- Thymeleaf
- Websocket
- HTML
- JavaScript
- MySQL
- Git
- JavaFX
- Spring Boot
- JDBC
- CSS
- JQuery
- MongoDB
- GitHub
- Servlet
- Spring Security
- Hibernate
- Bootstrap
- Angular
- AJAX
- GitLab
- JSP
- Postman
- Tailwind
- Material UI
- Typescript
- Heroku

Experience

- **Nov 2022 - Feb 2024 • 1 year 3 month**
Southeast University | Dhaka, Bangladesh
Programming Assistant • part-time
 - Frontend Architecture:
 - Constructed core architecture using Angular Framework (Lazy Loading) for ums.seu.edu.bd which is used by 800 employees and 5000+ active students.
 - Optimized the initial load time by reducing the initial bundle size from 13 MB to 4 MB.
 - Authentication and Security:
 - Implemented JWT token-based authentication and increased 80% security through two-factor authentication.
 - Navigation Bar Design:
 - Architected the navigation bar for 8 different modules, granting users access based on their designation as defined by the HR.
 - Learning Management System (LMS):
 - Developed LMS for ERP project, including 3 school & 8+ active departments curriculum, course advising, and evaluations.
 - Supply Chain Management Module:
 - Collected requirements, and building module from scratch, aligning with user workflows of 6 types department.

Projects

1) Doctors Care

- > Constructed using Spring boot 2.7 framework with spring security
- > Included chatting features with WebSocket with only 1% latency
- > ORM technology Hibernate was used to integrate with MySQL to increase work productivity by 50%

GitHub Link: <https://github.com/Rakib-Hasan-455/DoctorsCare-Spring-Boot-Application>

2) Hotel Management System

- > Created using JavaFX and JFoenix material UI design to look 50% more attractive & better user experience
- > Role based user (customer, manager, admin) and it has more than 20 panels which are shown based on role
- > Used MySQL database with JDBC connector to store and use data effectively

GitHub Link: <https://github.com/Rakib-Hasan-455/Hotel-Management-System-JavaFx>

Recent Achievements

- Released the 2nd Version of SEU UMS in 2023
- Grand Finalist & 4th in Therap JavaFest 2022
- 4th in SEU Intra University Programming Contest 2022