

# Md. Rakibul Hasan

## Software Developer

From my childhood, I have a strong interest in programming and technology. As a software developer, my goal is to create valuable software that is both professional and beneficial to businesses. Currently, I am looking for a job to help me develop my skill set and achieve my goal.

## Contact

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Rakibul-Hasan-0455

Rakib-Hasan-455

## Skills

- |           |               |                   |              |               |                                  |          |
|-----------|---------------|-------------------|--------------|---------------|----------------------------------|----------|
| • Java    | • Spring Core | • Spring Security | • HTML       | • JavaScript  | • Hibernate                      | • Git    |
| • JavaFX  | • Spring JDBC | • Spring ORM      | • CSS        | • JQuery      | • MySQL                          | • GitHub |
| • Servlet | • Spring MVC  | • Rest API        | • Bootstrap  | • AJAX        | • MongoDB                        | • GitLab |
| • JSP     | • Thymeleaf   | • Postman         | • Tailwind   | • Angular     | • Data Structures and Algorithms | • Heroku |
| • JDBC    | • Spring Boot | • Websocket       | • Typescript | • Material UI |                                  | • Jira   |

## Experience

Nov 2022 - Feb 2024 • 1 year 3 month

Southeast University | Dhaka, Bangladesh

### Programming Assistant • Office of the Information Technology

- > Constructed the frontends core architecture with Lazy Loading of Angular Framework of ums.seu.edu.bd
- > Optimized the initial load time by reducing the initial bundle size from 13 MB to 4 MB
- > JWT token based authentication and ensured security using two factor authentication
- > Architected the navigation bar by using users access list based on designation which is defined by the HR
- > Developed Learning Management System as a part of the ERP project where LMS includes making batchwise curriculum, preregistration of course, course advising of the student (open credit system), anonymous teaching evaluation, grade, curriculum analysis and more.
- > Collected requirement for the Supply Chain Management module and architected & implemented from scratch according to the requirement & workflow of the users.

## Projects

### 1) Doctors Care

- > Constructed using Spring boot framework with spring security
- > Implemented chatting features with WebSocket
- > ORM technology Hibernate was used to integrate with MySQL

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

### 2) Hotel Management System

- > Created using JavaFX and JFoenix material UI design
- > Role based user (customer, manager, admin) and it's functionalities are based on role
- > Used database is MySQL with JDBC connector

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

## Education

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