Md. Zahid Hasan Mozumder

✉ jahidhasanmozumdere@gmail.com   ⬡ Zahid Hasan Mozumder
in Zahid Hasan Mozumder   📞 +8801537508951

Employment History

April, 2024 – June, 2024

🔖 **Software Engineer Intern**
Battery Low Interactive Ltd.
- Developed a responsive web application using HTML, CSS, and JavaScript, and built dynamic user interfaces with React.js.
- Integrated RESTful APIs for dynamic data fetching and display, and implemented seamless navigation with React Router DOM.
- Additionally, Git was used for version control and team collaboration.
- The final project met all requirements and received approval from the Industrial Supervisor.

Feb, 2023 – May, 2023

🔖 **Programming Trainer**
Green University of Bangladesh
- Guided university freshmen in problem solving and competitive programming, providing tailored resources and strategies.
- Enhanced students' problem-solving skills, resulting in a 25% increase in programming contest participation.

Oct, 2022 – Jan, 2023

🔖 **Student Mentor**
Green University of Bangladesh
- Assisted freshmen with academic studies, leading to improved performance.
- Awarded the Teaching Assistant position for exceptional mentorship and support.

Education

2020 – 2024

🔖 **B.Sc. in Computer Science and Engineering**
Green University of Bangladesh
CGPA: *3.34 out of 4.00*

2017 – 2019

🔖 **HSC in Science**
Govt. Mohammadpur Model School and College
GPA: *4.25 out of 5.00*

2015 – 2017

🔖 **SSC in Science**
Mohammadpur Govt. High School
GPA: *5.00 out of 5.00*

Activities

Problem tester

- PSTU Intra University Programming Contest 2024.

Onsite Contest Participation

- Champion in GUB IDPC 2023 (Individual Contest)
- Participated in UITS IUPC 2023 (g_Inverse - Ranked 9 among 52 teams)
- Participated in JU NCPC 2024 (GUB_Gravitational_Inverse - Ranked 135 among 196 teams)
- Participated in CUET IUPC 2024 (GUB_Objectpool - Ranked 91 among 100 teams)
- Participated in CoU IUPC 2023 (GUB_Gravitational_Inverse - Ranked 45 among 60 teams)
- Participated in BUET IUPC 2023 (GUB_Gravitational_Inverse - Ranked 75 among 100 teams)
- Participated in SUST IUPC 2023 (Gravitational_Inverse - Ranked 69 among 120 teams)
- Participated in ACM ICPC Dhaka Regional 2022 (GUB_Gravitational_Inverse - Ranked 95 among 162 teams)

Online Contest Participation

- Participated in 100+ Codeforces Contest (Max rating 1492 - Specialist)
- Participated in 40+ CodeChef Contest (Max rating 1834 - 4 Star Coder)
- Participated in 7 AtCoder Contest (Max rating 422 - 8 Kyu)

Personal Projects

- **An Online Job Portal Web Application**

  - This online job portal connects job seekers with employers through a user-friendly interface built with HTML, CSS, Bootstrap, jQuery, and JavaScript. On the backend, Spring Boot facilitates RESTful API development, while Thymeleaf handles server-side rendering. The application's data is securely managed using JPA/Hibernate with MySQL. Additionally, AOP is integrated to enhance security and logging, ensuring a scalable and responsive platform for job listings and applications.

- **A Comprehensive User Service Application**

  - A user service application focusing on backend functionality with a simple frontend using HTML, CSS, and Bootstrap. The application uses Spring Data REST to automatically expose RESTful endpoints, while Spring Web handles web requests. Thymeleaf is used for server-side rendering, and Spring Security ensures robust authentication and authorization. The persistence layer is managed by JPA/Hibernate with MySQL as the database, providing a secure and scalable solution for managing user services.

- **A Modern E-commerce Frontend**

  - The project incorporates modern design principles and ensures seamless navigation using React Router DOM. The frontend was created with a focus on performance optimization, API integration, and cross-browser compatibility using HTML, CSS, Bootstrap, JavaScript and React Bootstrap.

Skills

Languages	Proficient in technical documentation, presenting technical concepts, and effective communication in English.
Programming Languages	C/C++, Java, Python, JavaScript, SQL, Shell Scripting.
Frameworks	React.JS, Spring, Hibernate, Spring MVC, Spring Boot.
Database Environments	Oracle, SQL Server, MySQL.
Application Server	Apache Tomcat.
Versioning Tool	Git.
Build Tools	Vite, Maven.
Cloud Computing	AWS (Amazon Web Services).
Environments	IntelliJ, Sublime Text, VS Code, PyCharm, CodeBlocks, Eclipse, Postman.
Miscellaneous	Data Structures and Algorithms, Problem Solving, Competitive Programming, Object-Oriented Programming, Mathematical Concepts, Research and Development, Machine Learning, Teaching, Team Collaboration, and Continuous Learning.

Miscellaneous Experience

Awards and Achievements

2021 **Merit Award**, Enlisted for Dean's Award on spring-21 semester.

Merit Award, Enlisted for Vice Chancellor's Award on fall-21 semester.

Merit Award, Enlisted for Vice Chancellor's Award on summer-21 semester.

2020 **Merit Award**, Enlisted for Vice Chancellor's Award on fall-20 semester.

Certification

2024 **Certified Spring Boot Developer**. Awarded by Chad Darby through Udemy.

Certified Machine Learning Practitioner. Awarded by Stanford Online and DeepLearning.AI.

2020 **Certified Responsive Web Designer**. Awarded by freeCodeCamp.