

Mohammad Shehabul Islam

📍 St. John's, NL ✉ mohammadhsi@mun.ca ☎ 709 687 4395 📁 Portfolio in LinkedIn 📄 GitHub

Summary

Experienced in leading teams, managing codebases, and delivering high-quality software solutions in Agile environments. Skilled in problem-solving, full-stack development, data extraction and analysis, and quality assurance.

Experience

Graduate Teaching Assistant, Memorial University – St. John's, Canada Sep 2022 – Apr 2024

- Supported students in labs, assisting with complex concepts and technical skills
- Provided regular feedback to the professor to ensure progression and accuracy

Software Developer, CSIpix – St. John's, Canada Sep 2022 – Apr 2023

- Utilized C++ and the Windows MFC framework to extract biometric data from various file formats, ensuring compliance and displaying the output in a GUI
- Optimized code for greater efficiency and documented with a client-centered approach

Lecturer, BRAC University – Dhaka, Bangladesh Sep 2021 – Jan 2022

- Supervised lab sessions, fostering an interactive learning environment and monitoring student progress to meet educational goals
- Guided students in group projects to ensure cohesive teamwork and technical proficiency

Project Management, Uber – Dhaka, Bangladesh Mar 2021 – June 2021

- Facilitated Agile ceremonies, driving efficient task prioritization and delivery
- Provided regular updates to stakeholders and worked with cross-functional teams to optimize processes and drive informed decision-making

Education

Memorial University of Newfoundland, MSc in Computer Science Jan 2022 - Apr 2024

- **GPA:** 3.44/4.0 Certificate 📄
- **Awards:** Aldrich Multidisciplinary Conference

BRAC University, BSc in Computer Science & Engineering Jan 2017 - June 2021

- **GPA:** 3.83/4.0 Certificate 📄
- **Achievements:** Performance-based Scholarship, Dean's List, VC's List

Projects

🔗 **RealEstate Tenant Management System** Link 🔗

- Developed a full-stack CRUD application for Real Estate Landowners, streamlining property management with a secure authentication system and exclusive admin access
- Built a responsive frontend with React, Tailwind CSS, and DaisyUI, integrated with an Express/Node.js backend and PostgreSQL for efficient data handling, using Axios for API communication.

🔗 **Master's Project** Link 🔗

- Collaborated on data extraction and integration into "Retrievium" with PostgreSQL, emphasizing structured data handling and SQL proficiency
- Created Python scripts for data mapping and transformation, showcasing problem-solving skills and adaptability with complex datasets

🔗 **Movie App API** Link 🔗

- Developed a responsive layout and integrated a real-world API to fetch, search, and display movie data seamlessly across devices

Skills

Programming Languages	Proficient in Python, Java, C++, JavaScript.
Frontend Development	Built websites with HTML, CSS, JavaScript and React.
Frameworks	Worked with Bootstrap, TailwindCSS, DaisyUI and MFC frameworks.
Backend Development	Developed REST APIs and Web Services with Node.js, Express.js, and Axios.
Databases	Managed MySQL, PostgreSQL.
Cloud and DevOps	Utilized AWS, Docker, Git, CI/CD Pipelines
Project Management	Expert in project planning, scheduling, and budget management.
Stakeholder Engagement	Effective communicator with the ability to keep all parties informed and aligned with project.
Problem-Solving	Skilled in coordinating multiple initiatives while managing time and competing priorities.

References

Available upon request.