

SAMIUL MUSHFIK

📞 +17632382122 ✉️ mushf001@d.umn.edu 🔗 linkedin.com/in/samiulmushfik 🐙 github.com/samiul123

SKILLS

Programming Languages	Java, Python, JavaScript, Typescript, C/C++, HTML, CSS, Bash, GraphQL
Frameworks and Libraries	Apache Camel, Spring Boot, Nodejs, React Native, React, Redux, JUnit, Jest, Jasmine
Database and Caching	MySQL, PostgreSQL, Redis, MariaDB
Tools	Nginx, Jenkins, Makefile, Gradle, Git, GitHub Actions, Jira

EDUCATION

University of Minnesota-Duluth	Duluth, MN
Master of Science in Computer Science	Aug 2023 - Present
GPA: 4.0	

Relevant Coursework: Database Management Systems, Machine Learning and Data Mining, Parallel Programming

Bangladesh University of Engineering and Technology	Dhaka, Bangladesh
Bachelor of Science in Computer Science and Engineering	Feb 2015 - Apr 2019
Relevant Coursework: Software Engineering, Object-oriented Programming, Data Structures and Algorithms	

EXPERIENCE

Stibo DX	Dhaka, Bangladesh
Software Engineer	Aug 2022 - Aug 2023

- Reduced local project setup and development time by 67% with Makefile commands and Bash scripts.
- Implemented unit tests using Jasmine, Nodejs, Javascript, Typescript and GraphQL, reducing bug reports by 30%.
- Presented monthly project updates of a 6-member team to 100+ developers across 3 countries.
- Led weekly code review sessions, improving system performance by 25%.

Kona Software Lab Ltd.	Dhaka, Bangladesh
Software Engineer	May 2019 - Jul 2022

- Enhanced web app scalability by 40% via load balancing and distributed caching on Linux servers.
- Developed scalable real-time notifications with 70% faster response time using WebSocket, React, Redis and Nginx.
- Mentored 2 junior colleagues, facilitating their professional development.
- Improved RESTful API performance by 25% for a microservice through caching, jdbc batching and indexing.
- Optimized deployment with GitHub Actions CI/CD pipeline, reducing testing and deployment time by 50%.
- Developed dynamic frontend components using React, Redux and CSS, dropping average page loading time by 30%.
- Reduced latency by 25% through an API gateway developed using Spring Boot, Apache Camel, and MariaDB.

PROJECTS

Mindquest	Mar 2024 - Apr 2024
• Built a Flutter-based mobile application for mental health in a 3 member-team, using Spring Boot and PostgreSQL.	

Parkspace	Aug 2019 - Feb 2020
• Developed a cross-platform mobile app using Spring Boot, React Native and PostgreSQL to find parking spots.	
• Maintained 80% test coverage with JUnit and Jest, following a Test-Driven Development (TDD) approach.	