

SAMIUL MUSHFIK

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

SKILLS

Programming Languages Frameworks and Libraries Database and Caching Tools

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

EDUCATION

University of Minnesota-Duluth

Master of Science in Computer Science
GPA: 4.0

Duluth, MN

Aug 2023 - Present

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

Bangladesh University of Engineering and Technology

Bachelor of Science in Computer Science and Engineering

Dhaka, Bangladesh

Feb 2015 - Apr 2019

Relevant Coursework: Software Engineering, Object-oriented Programming, Data Structures and Algorithms

EXPERIENCE

Stibo DX

Software Engineer

Dhaka, Bangladesh

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.

Software Engineer

Dhaka, Bangladesh

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.