

A S M MOFAKH KHARUL ISLAM

45 Knowles Crescent, Regina, Saskatchewan, Canada

☎ (306) 536-9188 ✉ mofakhkharul.cuet@gmail.com 🔗 LinkedIn 🐙 Github </> LeetCode

PROFESSIONAL SUMMARY

Software Engineer with **1+ years** of experience building scalable applications using **Golang, .NET, Python**, and cloud platforms (**Azure, AWS**). Recently completed Master's in Data Science specializing in **machine learning**.

TECHNICAL SKILLS

Languages	Golang, C#, Python, C++, Typescript
Technologies & Tools	SQL Server, Docker, AWS, Azure, ASP.NET, FastAPI, React

WORK EXPERIENCE

ShiftLab

May. 2026 - Ongoing

Software Developer, Permanent Full-time | .NET, Azure, SQL Server

Regina, Saskatchewan, Canada

- Developing AI-powered workforce management software for employee scheduling, time tracking & labor optimization.
- Building scalable backend services and integrations using C#, .NET, Azure Service Bus, Azure Functions, and SQL Server.

SaskTel

May 2024 - May 2026

Service Technician, Casual Part-time

Regina, Saskatchewan, Canada

- Receives, analyzes/tests/repairs/escalates customer issues relevant to wire-line, internet, and MAX TV services.

Enosis Solutions

July. 2022 - Feb, 2023

Software Engineer, Permanent Full-time | .NET, Angular, Azure, SQL Server, EF Core

Dhaka, Bangladesh

- Contributed to *Matrix*, a SaaS ad-sales CRM platform, focusing on backend performance and multi-tenant data handling.
- Improved LINQ queries, SQL indexes, and stored procedures, resulting in up to 30% faster query execution..
- Developed Azure Functions (timer, queue, blob, HTTP) to automate data syncs, reporting, and background tasks.

Sohopathi

Dec. 2021 - Feb. 2022

Software Engineer Intern, Part-time | React Native, Redux, TypeScript

Dhaka, Bangladesh

- Implemented and optimized user-facing components for EdTech platform, enhancing performance and user experience
- Improved app state management using Redux, reducing UI glitches and ensuring consistent data flow across modules

University of Regina

Sep. 2024 - Dec, 2024

Laboratory Teaching Assistant, Part-time | C++

Regina, Saskatchewan, Canada

- Deliver lectures on C++, Conduct weekly lab sessions, Guide on programming tasks, Evaluate in-lab assignments.

PROJECTS

AI-Powered Job Matcher | Golang, Python, React, PostgreSQL, Docker

Github

- Built modular monolith with DDD principles for ML-based resume-to-job matching using K-means clustering on job posts
- Designed RESTful API integrating with Python ML services for real-time TF-IDF vectorization and matching.
- Containerized all services with Docker and managed multi-container deployment using Docker Compose for scalability.

E-commerce Backend API | Golang, PostgreSQL, Docker

Github

- Developed RESTful API with JWT authentication, shopping cart, and order management.
- Implemented concurrent validation using goroutines and built background job processing system with worker pools.
- Applied clean architecture and DDD principles for maintainable, scalable codebase
- Containerized full application stack with Docker Compose for consistent environments

EDUCATION

Master of Science in Computer Science - Data Science

Sep. 2023 - April, 2025

University of Regina

Regina, Saskatchewan, Canada

Bachelor of Science in Computer Science and Engineering

Mar. 2017 - Sep. 2022

Chittagong University of Engineering and Technology

Chattogram, Bangladesh

ACHIEVEMENTS & ACTIVITIES

- Solved numerous problems on platforms like **Leetcode, Codeforces, Codechef, LightOJ, UVA**
- Published a paper titled “**Friend Recommendation System Based on Heterogeneous Data from Social Network**”
- Served as **Web Development Coordinator** at CUET Computer Club and was an active member of CUET Debating Society.