

Md Rajin Uddin Al Faiz

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Profile

Results-focused Junior DevOps & Full-Stack Developer with proven success designing modular, memory-safe systems in C, Java, and Python. Expert in building interactive applications backed by structured databases, modern UI libraries, and containerized deployments. Adept at optimizing systems, integrating cross-language components, and applying CI/CD workflows for robust software delivery.

Education

09/2023 – 09/2028 **Bachelor of Science in Computer Science | (B.Sc.)**
Guelph, Canada University of Guelph 

Projects

VCard Management System | C, Python, MySQL, Docker

- Engineered a C-based contact management system with <1% memory leakage (validated using Valgrind).
- Developed a dynamic Python UI via **ctypes** integration and Asciiatics, simulating production CLI behavior.
- Designed and normalized SQL schemas with foreign key constraints and cascading updates.
- Built authentication logic and live search functionality over 100+ contacts, deployable in Docker environments.

Investment Portfolio Manager (Java)

- Delivered a full-featured GUI application in Java Swing for managing and trading stock/mutual fund assets
- Applied OOP design patterns including inheritance, encapsulation, and polymorphism for code reusability.
- Boosted search efficiency by 40% using HashMap indexing and safeguarded logic via defensive programming.

Professional Experience

05/2025 – 08/2025 Dhaka, Bangladesh	Software Developer Intern <i>Cross World Ltd</i> <ul style="list-style-type: none">• Assisting in front-end redesign of company website using HTML5, Tailwind, and JavaScript to modernize UI/UX and improve load speed.• Collaborating with senior developers to debug backend issues and integrate new PHP-based APIs into production.• Contributing to DevOps automation efforts using GitHub workflows and Docker-based test environments.• Migrated the company's MySQL database from the local environment to Microsoft Azure cloud, improving availability and backup.
04/2024 – 07/2024 Guelph, Canada	Marketing Associate <i>College Pro</i> <ul style="list-style-type: none">• Spearheaded daily door-to-door marketing campaigns, generating 30+ new leads per week in a highly competitive environment.• Built interpersonal and negotiation skills through direct engagement with over 500 potential customers.• Leveraged data collection to track marketing effectiveness, identifying high-performing areas for targeted campaigns.• Learned CRM-style lead generation workflows and sales funnel structuring, which informed later database architecture in projects.
07/2024 – 12/2024 Abefoyle, Canada	Sales Associate <i>Petro Canada</i> <ul style="list-style-type: none">• Managed high-volume transactions with 98% accuracy, processing over \$3,000 in daily sales.• Delivered exceptional customer service by resolving issues promptly and professionally in a fast-paced environment.• Used POS and inventory systems to restock efficiently, improving product availability by 15%.• Managed POS systems and backend inventory tools, contributing to my understanding of transactional systems and I/O operations.
05/2020 – 05/2022 Dhaka, Bangladesh	Teaching Assistant (STEM) <i>Private Education Centre</i> <ul style="list-style-type: none">• Tutored 50+ high school students in core science subjects, improving test scores by 20%.• Designed custom learning materials to simplify abstract technical concepts.• Fostered early interest in problem-solving, contributing to a passion for programming.

Skills

Languages

C, C++, Java, Python, JavaScript, HTML, CSS, MySQL, Typescript

Concepts

Object-Oriented Programming, Memory Management, Full-Stack Web Development, Version Control

Tools & Framework

React, Node.js, Tailwind CSS, Java Swing, Asciiatics

DevOps

Docker, Git, GitHub, Linux, Bash, CI/CD pipelines