

Shaheer Mohammad

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SKILLS

Languages: Java, Python, C/C++, MySQL, Git, Bash, JavaScript, TypeScript **English, French**
Software: Linux, GitHub Actions, Docker, Terraform, AWS, Kubernetes, Nginx, Prometheus, Grafana
Soft Skills Quick learner, Adaptable, Quick solver, Collaborator, Boxing, Finance, Cooking, Security

EDUCATION

Concordia University *B.Sc. Computer Science (Expected December 2027)* **Montreal, QC**
• Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Information System Security, Data Communication & Computer Networks

PROJECTS

Predictive Data Analysis Engine (AI/ML) **In-Progress**
• Building a machine learning pipeline to analyze historical financial assets to form a autonomous trading agent.

Zero-Knowledge Secure File Vault **Information System Security** [\[Link\]](#)
• Architected secure sharing & edit pipelines for a zero-knowledge REST API, utilizing AES-256-GCM for payload encryption and RSA-OAEP to securely distribute File Encryption Keys (FEKs) to authorized collaborators.
• Hardened backend endpoints (Share, Edit, Delete) by implementing strict AM-style access control with JWT and time-expiring access controls, successfully preventing unauthorized privilege escalation.

Large-Scale Open-Source Project **Automated Testing Group** [\[Link\]](#)
• Authored and maintained complex CI/CD workflows using GitHub Actions for a large-scale, collaborative repository.
• Designed automated testing pipelines to validate code integrity, streamline pull requests, and prevent regression bugs across multiple environments.

STANS Deployment Pipeline **DevSecOps** [\[Link\]](#)
• Architected an automated CI/CD pipeline via GitHub Actions to build, containerize, and deploy a React/TypeScript application, utilizing multi-stage Docker builds to drastically minimize image footprint.
• Provisioned a secure production environment on AWS EC2, implementing Nginx for static file serving and SSL termination via Let's Encrypt, secured behind strict port-level firewall configurations.
• Implemented a DevSecOps observability stack (Prometheus/Grafana) with automated health checks, restart policies, and custom dashboards to monitor host resources and system anomalies in real time.

CERTIFICATIONS

Udemy – DevOps: CI/CD with Jenkins, Docker & Kubernetes

- **Linux & Scripting:** Bash, Python scripting
- **Cloud Platforms:** AWS, Azure, Infrastructure as Code with Terraform
- **CI/CD Pipelines:** Jenkins, Git/GitHub, Nexus, SonarQube, Slack integrations
- **Containerization & Orchestration:** Docker, Kubernetes

Cisco Certified Network Associate (CCNA) & CompTIA Security+ (In progress)

EXPERIENCE

World Gym **March 2024 – May 2025**
Member Service Representative
• Optimized high-volume operations by prioritizing tasks to minimize wait times.
• Partnered with management to de-escalate member conflicts, ensuring seamless resolution and client retention.

GardaWorld **September 2023 – October 2024**
Security Guard
• Adapted instantly to shifting crowd dynamics during high-stress events to prevent potential security breaches.
• Synchronized patrol movements with the unit to ensure gap-free perimeter coverage and attendee safety.

Best Buy **August 2022 – August 2023**
Product Specialist
• Met aggressive fulfillment deadlines during seasonal rushes without compromising order accuracy.
• Supported understaffed sales teams by balancing backend inventory logistics with immediate customer care.