ATIF KHAN

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EDUCATION

University of Toronto — Expected Fall 2026
B.Sc. Computer Science, Mathematics & Statistics

EXPERIENCE

Intact Financial Corporation — Jan 2025 – Present
DevOps Engineer — Website Management Team *(Toronto, ON)*
AWS, Terraform, Jenkins, GitLab CI, Docker, Kubernetes

- Supported and scaled **customer-facing platforms** across multi-account **AWS environments**.
- Automated **infrastructure lifecycle and CI/CD workflows**, enabling safe and repeatable deployments.
- Implemented **IaC (Terraform)** to reduce configuration drift and improve disaster recovery readiness.

Criteo — May 2025 – Sept 2025
Software Engineer Intern — Backend & Infrastructure *(Toronto, ON)*
.NET 8, C#, SQL Server, AWS, Distributed Systems

- Built and shipped a **distributed data-generation service**, reducing manual setup by **90%**.
- Designed **scalable ingestion and object storage pipelines** using **AWS S3, presigned URLs, and retries**.
- Owned the service end-to-end from design through production deployment, collaborating with senior engineers on architecture and reliability tradeoffs.

Intact Financial Corporation — May 2023 – Jan 2024
Software Engineer Intern — DevSecOps *(Toronto, ON)*
AWS, Terraform, Kubernetes, Jenkins, Grafana

- Engineered and maintained **26+ CI/CD pipelines** supporting cloud-native services.
- Integrated automated security scanning to enforce **baseline cloud and application security controls**.
- Built **observability dashboards and alerts** that reduced MTTR by **40%**.

General Motors — Jan 2024 – Sept 2024
Software Test Engineer — ADAS *(Toronto, ON) Python, C++,*

- Automated **60% of validation workflows**, saving **200+ hours** and improving system reliability.
- Built telemetry processing scripts for real-time data pipelines, preventing a **high-impact production defect**.

PROJECTS

Quantimental — Real-Time Analytics Platform — 2024–Present

- Built a **real-time, event-driven analytics system** ingesting **1000+ daily signals** with sub-2-minute latency.
- Implemented monitoring and failure handling to ensure reliable ingestion under partial outages.
- Designed a **distributed architecture** using Kafka and async workers, emphasizing scalability and fault tolerance.

Niyyah — AI-Driven Habit Platform — 2024–Present
Next.js, React Native, Node.js, Supabase

- Built and shipped a **client-facing full-stack application** with scalable APIs and authentication.
- Implemented **reliable AI workflows** with logging, retries, and offline-safe flows.

SKILLS

Languages: Python, C#, Java, TypeScript, SQL
Cloud & Infrastructure: AWS, Docker, Kubernetes, Terraform
Systems: Distributed Systems, Reliability Engineering, Observability
ML / AI: NLP, Transformers, Model Evaluation, Explainable AI
Tools: Git, Jenkins, GitLab CI, Grafana, CloudWatch