

Faiz Mustansar

github.com/faizm10 | faizm.ca | linkedin.com/in/faizmustansar | faizmustansar10@gmail.com

Education

University of Guelph

Bachelor of Computing (Honours), Computer Science

Guelph, Ontario

Expected Dec 2027

- Cross-enrolled at **University of Waterloo**: Application Development, User Interface, Human-Computer Interaction
- **Relevant coursework**: Data Structures & Algorithms, OOP, Software Engineering, Systems Analysis & Design, Reliability & Testing

Experience

Software Developer Intern

Tangerine

Toronto, Canada

May 2026 – Aug 2026

- Designed and shipped a production **Java Spring Boot microservice** end-to-end, owning **OpenAPI REST APIs**, backend workflows, validation, testing, and deployment across multiple environments.
- Deployed and operated the service on **GCP** using **Kubernetes, Helm, and CI/CD**, debugging application and infrastructure issues across TQA and production.
- Built **GCP Logging and automated alerting** for unauthorized endpoint access, providing near-real-time detection and improving production observability for downstream engineering teams.

Software Engineer Intern

TD Bank

Toronto, Canada

Jan 2026 – Apr 2026

- Designed an **AI-assisted modernization workflow** for legacy **Java 8 services**, translating system architectures into structured migration plans for **Spring Boot and Angular**.
- Achieved **90%+ test coverage** with **JUnit and integration tests**, validating edge cases and preventing regressions across migrated services.

Software Engineer Intern

Sertus

Toronto, Ontario

May 2025 – Jan 2026

- Owned a production customer-facing workflow system as the **sole engineer**, from requirements and architecture through implementation and deployment, reducing administrative work by **60%+**.
- Shipped **5+ full-stack features** using **TypeScript, Node.js, React, and PostgreSQL**, owning system design, data modeling, APIs, testing, and production debugging.

Projects

TransitFlow – Transit Data Platform [GitHub](#) | Python, TypeScript, FastAPI, GTFS, Mapbox GL

- Built a **data processing pipeline** for **166 MB GTFS datasets** and **900+ scheduled trips**, transforming raw transit feeds into structured route, stop, schedule, and geospatial data.
- Designed a multi-city ingestion workflow to validate and normalize inconsistent source datasets, generating **8 optimized data artifacts in under 5 minutes**.
- Built backend APIs and interactive simulation workflows over processed transit data, supporting **272 monthly active users** and **3,100+ page views**.

uoguelph.courses – Co-Founder & Tech Lead [Website](#) | TypeScript, Next.js, PostgreSQL, REST APIs

- Built and scaled a production **full-stack platform** from **0-to-1 to 6,000+ users**, owning system design, backend architecture, product development, and production operations.
- Designed **REST APIs and PostgreSQL data models**, optimizing queries, indexes, and caching as the platform grew to **1,000+ new users/month**.

Leadership

Tech Lead & Organizer

HackCanada

Remote

Sept 2025 – Present

- Led **4 developers** and owned architecture and delivery for **3 production products**, supporting **700+ hackers, 200+ projects**, and **10K+ website views**.
- Architected and shipped full-stack **judging and CTF systems**, including custom judge-slotting logic, real-time rankings, and live operational dashboards.
- Owned systems through **design, implementation, deployment, and live operations**, rapidly debugging production issues and shipping improvements from real-user feedback.

Technical Skills

Languages & Frameworks: Java, Python, Go, TypeScript, JavaScript, SQL, Spring Boot, FastAPI, Node.js, React, Next.js

Backend & Data: REST APIs, PostgreSQL, Microservices, Data Pipelines, Data Processing, Data Modeling, JUnit, Integration Testing

Cloud & Infrastructure: GCP, AWS, Kubernetes, Docker, Helm, Jenkins, CI/CD, Git, Observability, Monitoring, Debugging