Faiz Mustansar   Toronto, Canada| https://faizm.vercel.app/| https://www.linkedin.com/in/faizmustansar/

EDUCATION

University of Guelph   Sept. 2023 – April 2026

Major in Computer Science

- **Academics:** 3.6 GPA, Dean's Honour Roll
- **Relevant Courses:** Object-Oriented Programming (OOP), Data Structures, Software System Development & Integration, Systems Analysis and Design, Software Engineering, Database Systems & Concepts
- **University of Waterloo:** User Interface, Application Development, Human-Computer Interaction

WORK EXPERIENCE

Full-Stack Developer – *University of Guelph*   May 2025 - Present

- Developed a modular academic toolset used by **250+ students**, including secure auth flows, dynamic dashboards, and feedback pipelines using **Next.js, Supabase,** and **Python**.
- Collaborated with faculty and staff to gather requirements and ship MVPs, reducing delivery time by **30%** through iterative Agile sprints.
- Diagnosed and restructured database query logic, improving page responsiveness by **30%** and maintaining uptime across versioned releases.
- Designed and deployed an admin dashboard supporting item uploads, edits, and homepage content management; implemented real-time updates using Supabase subscriptions.

Full-Stack Developer – *Brown & Beatty*   May 2025 - Present

- Designed and implemented a multi-role SaaS platform to streamline employer–union workflows, including onboarding flows, document uploads, staff management, and data syncing.
- Built end-to-end features across the SDLC using Next.js, Tailwind, Prisma, Node.js, and PostgreSQL, handling both frontend UX and backend logic.
- Engineered multi-step onboarding workflows with support for dynamic user roles, CSV ingestion, and role-based access controls.
- Integrated early-stage AI functionality using the OpenAI and Cohere APIs to support future NLP use cases such as document tagging and smart summaries.
- Rapidly onboarded to a complex codebase and contributed production-ready code within 2 weeks, supporting cross-functional collaboration across async development cycles.

Undergraduate Research Assistant– *University of Guelph*   May 2024 – April 2025

- Designed and deployed an AI-powered chatbot using retrieval-augmented generation (RAG) and the ChatGPT API, enabling automated responses to **100+ student** inquiries per week and reducing faculty workload by **40%.**
- Researched the intersection of AI and education, focusing on data transparency, ethical design, and responsible use of conversational models in academic environments.

Technical Projects

uogeulph.courses – *TypeScript, Supabase, RestAPI, Tailwind CSS, PostgreSQL*   *https://uoguelph.courses/*

- Engineered a full-stack academic planning platform used by 1,000+ students/month, helping automate degree tracking and course selection.
- Automated ingestion of **1,000+** course records using Python and integrated dynamic data syncing through Supabase REST APIs.
- Recognized in **GuelphToday** for improving access to academic planning resources across departments. to 400+

SKILLS & INTERESTS

Languages: Python, Java, JavaScript, TypeScript, C, SQL, HTML, CSS, R

Frameworks/Libraries: React, Next.js, Node.js, Express, Tailwind CSS, Flask, Fast API, Pandas, Chart.js

Tools: Supabase, MySQL, REST APIs, Docker, Linux, Bash, Git, GitHub Actions, CI/CD, Jira, Click Up, Figma, VS Code, Eclipse, ChatGPT API, Google Gemini (LLM)