Faiz Mustansar

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EDUCATION

University of Guelph Sept 2023 – Apr 2026
Bachelor of Computing Honours in Computer Science *Guelph, Ontario*
- **Relevant Coursework:** Object-Oriented Programming, Data Structures, Software System Development & Integration, Systems Analysis and Design, Software Engineering, Software Reliability & Testing,
- **University of Waterloo (Visiting Student):** User Interfaces, Application Development, Human-Computer Interaction, Software Design & Architecture

TECHNICAL SKILLS

Languages & Frameworks: Java, TypeScript, JavaScript, Python, C, SQL, React, Next.js, Node.js, Express, Tailwind CSS, Flask, FastAPI, Spring Boot, GraphQL, HTML/CSS, Material UI, Go (basic), Redux, Kubernetes (basic), Django
Tools & Databases: Docker, Git, GitHub Actions, CI/CD, PostgreSQL, MySQL, Supabase, RESTful APIs, Linux, Bash, Jira, Figma, ChatGPT API, pytest, Jupyter

EXPERIENCE

Software Engineer May 2025 – Present
Brown & Beatty *Remote*
- Built performance, modular frontend components in **React/Next.js**, **optimizing** UX and **accessibility** for internal asset tools used by staff.
- **Optimized** PostgreSQL pipelines and **RESTful API integrations**, achieving **30% latency reduction** and **improving** backend system responsiveness.
- **Refactored** reusable React components with a focus on **AODA compliance**, achieving faster load times and enhanced accessibility.
- Contributed to **Agile development cycles**, participating in code reviews and sprints to ensure quality delivery of features integrated into production.

Full-Stack Developer May 2025 – Present
Lang School of Business, University of Guelph *Guelph, ON*
- Designed REST APIs for real-time data operations, following OAuth-compliant authentication and industry security practices.
- Designed internal **cloud dashboards** using React and Supabase to replace legacy workflows, reducing manual processes by **80%** and i**mproving data consistency.**
- Developed **OAuth-compliant**, **secure APIs** with access control to **safeguard sensitive operations** and maintain **audit integrity**.
- Collaborated with cross-functional teams including designers and administrators to deliver intuitive, responsive dashboards for student-facing services.

PROJECTS

uoguelph.courses | *Next.js, TypeScript, Supabase, Python, Tailwind CSS* Live Site
- Launched a course planning platform used by **1,300+ students** within **72 hours** by building a responsive, user-centric frontend with **Next.js** and Tailwind.
- Automated ingestion of **1,000+ course records** using **Python** and **SQL**, increasing accuracy and enabling faster updates in a production environment.
- **Led a cross-functional Agile team** to build scalable features in a full-stack web app; leveraged GitHub Actions for CI/CD and implemented code review practices.
- Designed time conflict detection and advanced filtering logic to enhance scheduling usability.

SkillMatch | *Go, TypeScript, GraphQL, Prisma, Docker, Next.js* GitHub
- Built a teammate matching app simulating team formation for hackathons, evaluated on **50+ user profiles**.
- Built scalable backend services using **Go** and **GraphQL**, **containerized** with **Docker**, and integrated CI pipelines with **90% test coverage** and **150ms latency.**

FrontDesk AI (SpurHacks) | *Next.js, Twilio, ElevenLabs, Python* ⌾
- Developed a full-stack AI receptionist using **Python, REST APIs, and telephony services (Twilio)**, handling **150+ calls** and **autonomously resolving 80%** of support queries.