

Faiz Mustansar

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EDUCATION

University of Guelph <i>Bachelor of Computing, Computer Science (Honours)</i>	Guelph, Ontario Expected Apr 2027
• Relevant coursework: OOP, Data Structures, Systems Analysis & Design, Software Engineering, Reliability & Testing • Cross-enrolled at University of Waterloo : Application Development, User Interface, Human-Computer Interaction	

EXPERIENCE

Incoming Software Engineer Intern <i>TD Bank</i>	Toronto, Canada Jan 2026 – Apr 2026
• Delivered platform enhancements improving system reliability by implementing secure coding practices	
Software Engineer Intern <i>Brown & Beatty AI</i>	Toronto, Canada May 2025 – Present
• Led end-to-end development of the Complaints module , enabling first client onboarding by December 2025 , by architecting 8+ Prisma models , implementing 6+ REST endpoints , and executing case workflows using Agile methodology . • Built a secure evidence upload system achieving 99%+ successful ingestion by implementing an AWS S3 pipeline with pre-signed URLs, Zod validation , retry logic, and comprehensive unit tests . • Reduced duplicated business logic by 25% by collaborating in cross-module technical design reviews , aligning schemas and reusable components between Complaints and Grievances , and enforcing quality through peer code reviews.	
Full Stack Developer Intern <i>University of Guelph</i>	Guelph, Ontario May 2025 – Aug 2025
• Redesigned core user flows (onboarding, booking, case management), reducing scheduling workload by 90% and lowering no-shows across 200+ appointments by rebuilding interfaces with Next.js + Tailwind to improve form clarity and dashboard navigation. • Improved data accuracy and reduced user errors by 30% by building dynamic forms with Zod client/server validation, Supabase persistence, and autosave functionality. • Saved program staff 6 hours per month by delivering an admin analytics dashboard with filters, search, and CSV export , enabling self-serve reporting without manual intervention.	

PROJECTS

uoguelph.courses (Co-Founder & Tech Lead) Website TypeScript, Supabase, Python, Golang, BetterStack	
• Co-founded and scaled a course planning platform to 6,000+ student users and 26,000+ page views by leading the product roadmap, building fast search and degree-planning UX, and driving campus-wide adoption.	
• Sustained 15K+ API requests/day at sub- 200 ms latency by architecting Supabase -backed APIs in TypeScript/Python with indexing, cursor-based pagination, and caching.	
• Automated aggregation of 500+ scholarships and all TA postings by building a Go scraping service and Python BeautifulSoup pipeline, orchestrated with GitHub Actions scheduling, retries, and alerting for nightly updates.	
CodeKeeper Website Next.js, TypeScript, Supabase, PostgreSQL, Google Gemini, GitHub API	
• Built an AI-powered documentation platform adopted by 5+ users , reducing manual documentation maintenance by 80% by integrating Next.js, Supabase (PostgreSQL) , and Google Gemini with pull-request-driven automation.	
• Improved documentation consistency and quality by 2x by engineering structured Google Gemini prompt workflows with enforced JSON schemas and multi-step reasoning, generating 8–15 sentence file-level summaries and context-aware README suggestions with minimal hallucination.	
• Reduced API response latency by 60% by designing a scalable backend with optimized relational schemas, secure REST APIs, GitHub OAuth , and asynchronous AI processing to support multi-user, real-time workflows.	
Octree Website TypeScript, Supabase, Tailwind CSS, Docker, Stripe	
• Architected a full-stack SaaS platform adopted by 275+ users by building a TypeScript -based frontend, Supabase backend, and integrating secure authentication, subscription tiers, and payments via Stripe .	
• Expanded global accessibility by implementing internationalization (i18n) with locale-based routing and translated UI content, enabling seamless support for multiple regions and languages .	
• Reduced deployment time by 60% by containerizing the application with Docker , ensuring consistent staging and production environments and enabling horizontal scaling.	

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 (Golang), Redux, Kubernetes (basic), Django, Vite, Kotlin
Tools/Databases: Docker, Git, GitHub Actions, CI/CD, PostgreSQL, MySQL, Supabase, RESTful APIs, Linux, Bash, Jira, Figma, ChatGPT API, pytest, Jupyter, Stripe API