

KAUNG MYAT HEIN

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Employment Objective

I'm energized by opportunities to engage with people, understand their needs, and offer solutions that make a difference. I thrive in environments where communication, adaptability, and persistence are key, and I'm always eager to contribute meaningfully to a team's success while continuing to grow both personally and professionally.

Education

Georgian College **Barrie, Ontario**
Ontario College Diploma for Computer Programming

Experience

Research Associate
Georgian College – Barrie, ON | July, 2025 – Present

- Built responsive web and mobile applications using ASP.NET, C#, and Flutter, delivering end-to-end solutions with well-tested, documented code
- Integrated RESTful APIs to connect applications with backend services, demonstrating ability to execute scoped technical tasks independently
- Optimized database schemas and wrote complex queries in collaboration with research team, applying data structures and algorithmic thinking to improve system performance
- Applied object-oriented programming principles and core CS fundamentals to build efficient, scalable software solutions
- Developed robust backend services using Node.js, building efficient APIs and server-side logic to support full-stack applications
- Built full-stack applications using React for frontend development and Express for backend services, designing scalable and maintainable architectures
- Developed server-side rendered and static web applications with Next.js, implementing optimized rendering strategies and API routes for seamless user experiences
- Constructed dynamic, responsive web interfaces using React and Angular, applying component-based architecture and state management best practices
- Integrated frontend frameworks with RESTful APIs and backend services, ensuring clean data flow and efficient communication between application layers
- Operated in agile workflows, delivering work in short cycles and adapting to feedback and shifting priorities within sprint-based projects

AUTOHACK – Hackathon
Georgian College | March, 2025

- Designed and implemented a simulation tool for car parts, allowing users to interact with and learn automotive mechanics virtually
- Created Python-based backend and interactive frontend components to replicate real-world car systems and responses
- Demonstrated the project to judges and received positive feedback for innovation and practical educational impact