Ajay Ramsaran

✉ Ajayramsaran1@outlook.com   in Linkedin.com/in/ajayramsaran/   📍 Oshawa, Ontario

Objective

As a Software Engineering student at Ontario Tech University, I am seeking a Summer 2026 co-op placement to apply my technical skills in full-stack development, problem-solving, and software design. I aim to contribute to impactful projects while gaining hands-on industry experience that will support my growth as a future software engineer.

Highlights of Skills and Qualifications

- Skilled in full-stack programming, proven through developing successful projects such as Habibi Carpooling, which ranked among the top 5 programs developed in fall 2024 for the full-stack development course at Ontario Tech University.
- Proficient in Java, demonstrated by tackling rigorous challenges under time constraints and ranking among the top 25% of programmers in Canada, via the Canadian Computing Competition.
- Adept in C++, with experience applying the language to consistently exceed expectations. Achieving 100% satisfaction in coursework.
- Strong problem-solving skills, honed through diverse leadership roles and programming challenges that require quick, logical solutions. Proven ability to delegate tasks effectively, resulting in up to 77% faster completion.
- Collaborative team player with teamwork skills built across years of group projects, both in and outside programming. Increased team productivity by up to 94% on numerous occasions.

Education

Bachelor of Engineering (Honours) - Software Engineering   Expected Graduation 2028
Ontario Tech University, Oshawa, ON

- Relevant Academic Courses: Full-Stack Development, Object-Oriented Programming, Data Structures, Software Principles of Development and Engineering Principles of Design
- cGPA: 4.2/4.3

Project & Competition Experience

Serenity - AI Mental Health Companion
HackHive
Ontario Tech University   Feb 2025

- Rapidly learned and applied Node.js, React, Vite, and AI APIs within 24 hours to develop an AI emotion companion that recognized and responded to human emotions.
- Designed the app with a privacy-first architecture, ensuring secure handling of sensitive user data.
- Presented the project to judges, earning positive feedback for innovation and clear communication.

Habibi Carpooling
Web Development
Ontario Tech University   Fall 2024

- Collaborated with peers to design a functional and accessible carpooling website to lower carbon emissions by 25% to 50% per person.
- Delegated tasks and set deadlines, resulting in 77% faster completion of the project than expected.
- Enabled ride sharing between 100s of users, hosting 100s of rides.
- Employed HTML, CSS, PHP, and MySQL to design a functional and sleek website.
- Researched a free launching method that allows users to interact with our site through any web browser.

Work Experience

Web & Digital Media Assistant

Ontario Tech University   Spring 2025 - Present

- Supported non-technical staff by translating complex web concepts into plain language via email and ticketing, improving client satisfaction and response clarity.
- Resolved site issues and streamlined web operations by managing redirects, short links, MachForms, and asset migrations into the university's content management system (CMS) with minimal oversight.
- Developed a custom event submission form using SOAP API, PHP, and CSS, enabling automated uploads into the university's CMS.
- Engineered an algorithm to parse and reformat large JSON event datasets, automating re-uploads to meet new filters and specifications.
- Utilized GitHub to develop and integrate client-requested features into the Tuition Calculator, with approved changes pushed to the production environment.
- Optimized digital assets by tagging, organizing, and uploading thousands of images into the CMS library, supported by a tracking database comparing CMS assets vs. shared drive files.

Customer Service

Sobeys, Oshawa   Jul 2022 - Jul 2023

- Efficiently retrieved and organized shopping carts, ensuring availability for customers and improving overall store efficiency. Trusted to work weekends due to reliability and speed, consistently contributing to increased customer satisfaction.
- Assisted fellow team members during busy weekends by completing tasks ahead of schedule, ensuring smooth operations and exceptional customer service. My proactive approach helped maintain a steady workflow and meet the store's demands.
- Engaged with customers in a friendly and professional manner, answering questions and directing them to store sections while maintaining productivity.

Volunteer and Extracurricular Experience

Prime Minister

Student Council, RS McLaughlin CVI   Sep 2022 - Jun 2023

- Led a team of students to conceptualize, promote, and execute school-wide events to enhance student well-being and foster a sense of community.
- Organized innovative fundraising events for various causes, including one where students formed teams to raise money and participate in field activities; the team with the largest donation won the chance to pie five teachers in the face.
- Raised over $7,500 for a local cancer center, contributing to the funding of lower-income cancer patients.

Awards & Honors

- President's Honours List   Fall 2023 - Fall 2024
- Honour Roll   2019 - 2023
- Principal's Award for Student Leadership   2023
- Ontario Scholar   2023
- Certificat d''immersion francaise   2023
- Most Improved Program, Queens Computing Competition   2021
- Top 25% in Canada, Canadian Computing Competition   2021