

MAANVI

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Backend / Frontend / AI Researcher Position

Results-oriented Software Engineering Technology CO-OP student specializing in Artificial Intelligence, with hands-on experience across frontend and backend development, academic research, and Agile-based project environments. Strong foundation in C#, ASP.NET, SQL, JavaScript, and AI fundamentals, with proven ability to collaborate in cross-functional teams. Seeking a hybrid Backend / Frontend / AI Research role to apply software engineering and data-driven concepts to real-world systems.

Technical Skills

- C#, ASP.NET (Core – academic/project-based), RESTful API design & integration, Html/CSS, Python Pair Programming, SQL, JavaScript, Linux
- Tools: GitHub, MS Visio, Jira, Microsoft 365

Transferable Skills

- Problem Solving, Research & Analysis, Team Collaboration, Communication
- Software Engineering Technology student with a focused academic background in **Artificial Intelligence and data-driven systems**.
- Student Researcher experience developing **AI-related and technical educational content** for college-level self-learning modules.
- Applied **Agile methodology** in collaborative academic and research projects, supporting iterative development and continuous improvement.
- Strong ability to break down complex AI and programming concepts into **clear, learner-friendly explanations**.
- Demonstrated commitment to continuous learning and skill development in **AI, software design, and emerging technologies**.

EDUCATION

Software Engineering Technology - Artificial Intelligence (Co-op) Advanced Diploma

Centennial College, Toronto, ON

May 2025 - Present

GPA: 4.30/4.5 (A)

Key Courses: C# Programming | Java Programming | Client-Side Development | Database Concepts (SQL) | Software Requirements Engineering | Foundations of Artificial Intelligence | Software Systems Design | Testing & QA

ACADEMIC PROJECTS

Web Design - C#, HTML, JavaScript

- Designed a responsive, user-oriented marketing website for an artist to showcase artworks for sale
- Created a scrolling image gallery, contact form, and responsive-design for web and mobile browsing

ACADEMIC PROJECTS

Software Requirements Specification Document - Instagram Mobile App

- Collaborated in a team using Agile practices for the development of an SRS document for a mobile app, Pet Friends, that matches pet owners with qualified pet sitters
- Created UML diagrams and Gantt chart, as well as functional/non-functional requirements sections

Retail Database - SQL

- Co-developed a database that allows retailers to store, update, retrieve and maintain inventory
- Served as the Project Lead in a team of 4, overseeing task allocation, coordination of activities, project milestone tracking, QA and submitting the deliverable as per requirements.

EXPERIENCE

Student Researcher

September 9,2025 - December 10,2025

WIMTACH, Centennial College, Scarborough, ON

- Developed and generated instructional content for a self-learning module designed for college-level learners, ensuring clarity, accuracy, and alignment with learning outcomes.
- Collaborated with faculty members and project stakeholders using an **Agile methodology**, actively participating in sprint planning, reviews, and iterative feedback cycles.
- Conducted research and content analysis to support module design, transforming academic material into **student-friendly, engaging learning resources**.
- Applied strong written communication and organizational skills to meet project deadlines and adapt content based on continuous feedback.
- Gained hands-on experience in **educational research, curriculum development, and team-based project workflows** within an academic setting.

EXTRA-CURRICULAR EXPERIENCE

Orientation Volunteer

Fall 2025

Centennial College, Progress Campus, Scarborough, ON

- Assisted new students during orientation by providing guidance on campus facilities, academic resources, and student services.
- Supported event coordination activities, ensuring smooth check-in processes and addressing student inquiries in a fast-paced environment.
- Demonstrated strong communication, teamwork, and problem-solving skills while helping create a welcoming and inclusive campus experience.

Volunteer for CIP (College Information Program)

November 26,2025

Centennial College, Progress Campus, Scarborough, ON

- Represented Centennial College by engaging with prospective students, providing accurate information about academic programs, admission requirements, and campus resources.
- Communicated effectively with diverse audiences, answering questions and promoting a positive image of the college.
- Supported outreach and information sessions by assisting with event setup, coordination, and attendee support.