

# MARKO PETRINA

## Software Co-op Student

Stoney Creek, ON • 289-828-8730 • [marko.petrina@mohawkcollege.ca](mailto:marko.petrina@mohawkcollege.ca)  
LinkedIn Profile: <https://www.linkedin.com/in/marko-petrina-a89b4a261/>

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### OBJECTIVE

- Aspiring AI Engineer and Software Developer seeking a co-op position to apply my programming expertise to impactful projects, gain industry experience, and expand my professional network. Currently engaged in Facial Recognition and Soldier Identification Research with the Royal Canadian Air Force Museum.

### SUMMARY OF SKILLS

- Served as a Software Development Co-op at Rosa Flora Limited where I actively collaborated within a team to ensure all data aligns, web applications are running smoothly and solutions were met efficiently, **demonstrating strong communication skills, and contributing to a cohesive and efficient development team.**
  - Frontend Web Developer at Actor's Pocket Guide, working on an interactive platform for the film industry, building Angular-based UI components, integrating APIs, and improving user experience.
  - Strong foundation in programming languages and web development technologies, **including C#, .NET, Vue3, Nuxt, Java, Angular, HTML, TypeScript, JavaScript, NodeJS and CSS.**
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### EDUCATION

#### ***Ontario College Advanced Diploma***

#### **Software Development**

Mohawk College

**September 2022 to Present**

Hamilton, Ontario

- Currently completing Year 2 of 3
- Dean's Honour List
- GPA: 3.52

#### ***Ontario College Advanced Diploma***

#### **Software Support**

Mohawk College

**September 2022 to February 2025**

Hamilton, Ontario

- Gained hands-on experience in software application development, database management, and web technologies.
- GPA: 3.52
- Proficient in Python, Java, C#, MySQL, ASP.NET, and MVC frameworks.

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### WORK EXPERIENCE

**Frontend Web Developer (Internship)**      **February 2025 to Present**  
Actor's Pocket Guide      Remote

- Developing the frontend for an interactive web platform designed to support professionals across the film industry.
- Implementing Angular-based UI components to enhance user experience and workflow efficiency.
- Integrating APIs and working with the backend team to ensure seamless platform functionality.
- Building analytics dashboards to track industry trends and performance metrics.

**Software Developer (Co-op)**      **April 2024 to August 2024**  
Rosa Flora Limited      Dunnville, Ontario

- Resolved bug tickets submitted by employees, addressing a range of issues from incorrect SQL data to broken Vue3 code segments.
- Developed web applications based on staff requests, ensuring they met user requirements and performance standards.
- Ensured accuracy of all online web reporting, aligning it with the Owner Sales Report and overall performance metrics.
- Created a mass reporting system that consolidated over 20 individual reports using SQL, Vue3, .NET Backend Controllers, and Typescript processing methods.

**Dietary Aide Associate**      **April 2023 to November 2024**  
Joseph Brant Hospital      Burlington, Ontario

- Dietary Planning: Proficient in creating meal plans that adhere to medical guidelines and meet individual patient needs.
  - Sanitation and Safety: Ensured strict adherence to sanitation and safety protocols in food preparation and service.
  - Team Collaboration: Worked effectively in a collaborative healthcare team environment.
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### RESEARCH EXPERIENCE

#### Facial Recognition & Soldier Identification Research

Royal Canadian Air Force Museum

Ongoing

- Contributing to a project aimed at identifying soldiers who have not been identified through advanced facial recognition technology.
- Scanning and analyzing historical photos of soldiers, reading labels, and using family photos provided by relatives along with an archive provided by the museum to assist in identification.
- Applying AI methodologies to enhance the accuracy and efficiency of identification systems for historical military records.

### REFERENCES

#### Isabelle Grguric

Human Resources

St Joseph Hamilton Healthcare • Hamilton, Ontario

905-818-1568

- Was my Human Resource representative while I was employed at St Joseph Hospital

#### Ray Allen

Information Technology Manager

Rosa Flora Limited • Dunnville, Ontario

[rallen@rosaflora.com](mailto:rallen@rosaflora.com) • 905-630-3011

- Was my IT Manager during my time at Rosa Flora Limited

#### Andrew Vandersteen

Infrastructure Analyst

Rosa Flora Limited • Dunnville, Ontario

[avandersteen@rosaflora.com](mailto:avandersteen@rosaflora.com)

- Was the head of Infrastructure during my time at Rosa Flora Limited