

Jeremie Notebaert

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WORK EXPERIENCE

Samuel, Son & Co.

Oakville, Ontario

Enterprise Architect

May 2024 – Present

- Developed and implemented a monitoring system for warehouse machinery using Linux, Portainer, Docker, InfluxDB, and Grafana. Configured Telegraf to connect to an MQTT broker, creating Grafana dashboards and alert systems for various customers.
- Created a DLL wrapper API using C# and .NET framework to interface with a legacy DLL file, improving production order management and functionality for internal systems.
- Designed and implemented Grafana dashboards to visualize real-time data from warehouse machinery. Developed an alert system in Grafana to notify stakeholders when machinery metrics exceed set thresholds.
- Developed custom API integrations for Shopify, streamlining business operations and enhancing e-commerce functionality.
- Leveraged Docker and Portainer for container management, ensuring scalable and efficient deployment of monitoring tools and databases, improving system reliability and maintainability.

Costco Wholesale

Mississauga, Ontario

Meat Department Team Lead

November 2021 – May 2023

- Led a team of 5 members in the Meat Department, ensuring smooth and efficient daily operations.
- Managed inventory levels, ordering supplies as needed to maintain optimal stock levels and minimize waste.
- Trained and mentored new team members, ensuring they understood department procedures, safety protocols, and customer service standards.
- Conducted regular quality checks on products to maintain freshness and meet Costco's high standards.
- Resolved customer inquiries and concerns promptly, ensuring a positive shopping experience and high customer satisfaction.
- Enforced food safety regulations and best practices to ensure compliance with health and safety standards.

EDUCATION

University of Waterloo, Bachelor of Mathematics – Applied Mathematics (BMath, Honours)
Sep 2021 – Jan 2026

Waterloo, Ontario

CERTIFICATIONS

Google IT Automation with Python Specialization – Coursera (ID: 2MJC7LC8BF2K)

- The specialization includes Working with Python, using Python to interact with OS, using Git & GitHub, Troubleshooting and Debugging Techniques, Configuration Management and the Cloud and Automating Real-World Tasks with Python.

ADDITIONAL SKILLS

Technical Hard Skills:

Programming Languages: | HTML + CSS + JavaScript | Python | C | BASH | Racket | GML | C# + .NET |
Development Concepts: | APIs | MQTT | Azure IoT | Azure DevOps | Docker | Containerization | Microservices |
Proficient Programs: | Microsoft Office Suite | Adobe Premiere Pro | Tinkercad | Portainer | InfluxDB | Grafana |
Hands-on Skills: Soldering, Hand and Power tools operation, 3D Modelling + Printing, Wrappers, Scanners, Pump Truck, Labelers, Compactors.

Soft Skills: Leadership, Team management, Communication, Problem-solving, Decision-making, Adaptability, Customer service, Time management, Conflict resolution, Attention to detail, Coaching and mentoring, Collaboration, Organization, Flexibility, Accountability.

Languages: English (Fluent Proficiency), French (Fluent Proficiency), Japanese (Elementary Proficiency).