

Yasar Nazzarian

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ABOUT

Recent Software Engineering graduate from École de Technologie Supérieure with hands-on experience in AI integration, software development, and cloud computing. Proven track record in delivering scalable solutions using microservices architecture and Kubernetes, and a strong foundation in automated testing and continuous integration.

SKILLS

- **Programming Languages & SE Principles:** Java, C, Python, SQL, JavaScript, OOP, Design Patterns, Agile (Scrum, Kanban), TDD
- **Software Applications & Tools:** Hadoop, Apache Spark, Jupyter, Microsoft Azure, Git, Docker, Terraform, Maven, Arduino, QALab, Junit, Cisco Packet Tracer, Visual Studio, Microsoft Office
- **Frameworks & Libraries:** Spring Boot, React, Flask, Pytorch, Numpy, Pandas, OpenCV, Sklearn
- **Technologies:** Microservices Architecture, Apache Kafka, RabbitMQ, RESTful APIs, CI/CD
- **Operating Systems:** Windows, Linux

EDUCATION

- **École de Technologie Supérieure** Montreal, QC
Bachelor of Engineering in Software Engineering 2020 – 2024
- **National Taipei University of Technology** Taipei, Taiwan
Exchange Program (Computer Science) Sept. 2023 – Jan. 2024
- **Montmorency College** Laval, QC
Diploma of Collegial Studies in Natural Science Aug. 2017 – July 2019

PROFESSIONAL EXPERIENCE

- **Shared Services Canada** Montreal, QC
Software Support Analyst May 2024 – Present
 - **Power Apps and Power BI Support:** Provided technical support for Power Apps and Power BI.
 - **Interactive Dashboards:** Developed solutions using PowerPlatform, and created interactive dashboards for data-driven decision-making.
- **Shared Services Canada** Montreal, QC
Software Intern Feb 2024 – May 2024
 - **Solutions Development:** Developed new solutions using Microsoft PowerPlatform Tools.
 - **Data Models:** Analyzed business requirements to design data models converting raw data into meaningful information.
 - **Dashboards:** Created interactive dashboards and reports using Power BI for data-driven decision making.
- **Ville de Laval** Montreal, QC
IT Intern Winter 2023
 - **AI Integration:** Integrated AI solutions into existing systems and provided detailed technical analysis and support.
- **Delight Canada** Montreal, QC
Software Developer Summer 2022
 - **Microservices:** Developed microservices for controlling horticulture lighting systems.
 - **Bluetooth Control:** Programmed an ESP32-WROOM for controlling LED panels using Bluetooth Mesh.
 - **ERP Enhancements:** Enhanced functionalities of the ERP system (Odoo).

PROJECTS

- **Microservices for STM & TomTom Data Integration:** Developed a microservice architecture to compare travel times between bus services; implemented telemetry mechanics to monitor real-time bus data and optimize service performance.
- **TBrain Competition: Go Power Imitation:** Built machine learning networks using CNN, RNN, LSTM for Go game imitation and play style identification.
- **Remote-Controlled Miniature Crane:** Modeled parts using G-Code, MasterCam, and created electrical circuits (PCBs) using Altium; programmed the microcontroller for bidirectional communication.

LICENSES AND CERTIFICATIONS

- **Microsoft Certified: Azure AI Fundamentals** ([View Certificate](#))