Yan Pilon

3rd year Software Engineering student | Montréal, QC
y.pilon9@gmail.com • **514-919-2091** • https://github.com/FGguy
https://www.linkedin.com/in/yan-pilon-3580551b2

SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | Windows 10 • Windows 11 • Linux (Ubuntu) • Mobile

Applications | Eclipse • VSCode • Visual Studio • Microsoft Office: Word, Excel • PowerBI • Excel • PPT • IntelliJ • Adobe Lightroom • Power Apps • Power Automate • SourceTree • Draw.io • SQL Server Management Studio

Programming| Java • Go • C++ • Lua • VB, C# (.NET framework) • HTML • CSS • JavaScript (Node.js, Express.js, Vue.js, Jest)

Databases| SQL (PostgreSQL, MySQL, SSMS) • NoSQL (MongoDB) • RabbitMQ

Methodology| DevOps • Scrum/Agile

Other| GitHub/Git (GitHub Actions) • Bash • Docker • Cloud Offerings (Azure, AWS) • Postman • Kubernetes

Languages | English: Spoken & Written • French: Spoken & Written

Licenses & Certifications| Valid driving permit

EDUCATION

Bachelor of Engineering – Software Engineering Co-op   2022- 2026 (Expected)
Concordia University, Montreal, QC
- Member of the Institute for Co-operative Education
- GPA: 3.79/4.3
- Relevant Courses (Completed or Ongoing):
    - Object Oriented Programming I & II
    - Introduction to Web Programming
    - Data Structures and Algorithms
    - Technical Writing and Communication
    - Software Process and Practices
    - Formal Methods for Software Engineering
    - Operating Systems
    - Software Requirements and Deployment
    - Software Architecture and Design

DEC in Sciences   2020-2022
John Abbott College, Saint-Anne-de-Bellevue, QC

PROJECTS

Montreal Rental Enterprise (Node.js, Express.js, Jest, PostgreSQL, Vue.js)   Winter 2024
Concordia University, Montreal, QC
- Built http and file server using Node.js as and Express.js
- Integrated AI model for image processing written in Python with the node backend
- Wrote Unit Tests with the Jest testing framework
- Automated workflows using GitHub Actions.

Core Competencies: databases, REST-Api, back-end development, unit testing.

Ling Lab (Go, PostgreSQL, Angular)   Summer 2024
Personal project, Montreal, QC
- Designed, Implemented and Tested, database schemas and a REST API.
- Developed HTTP server using Go with the Gin router framework.
- Implemented stateless authentication system using Paseto.
- Wrote unit tests using Go's native testing module.
- Created a Email microservice as well as a message broker using RabbitMQ

Core Competencies: databases, REST-Api, back-end development, unit testing.

WORK EXPERIENCE

Intern at the Power Apps Center of Excellence Team at Health Canada   Sept 2023 - December 2023
Ottawa, ON
- Produced programming specs, modified code, and updated documentation for system development.
- Delivered solutions with Microsoft's Power Platform suite, including PowerApps, Power BI, and Power Automate.
- Collaborated with cross-functional IT teams and provided project support.
- Conducted technical analysis, identified process improvements, and ensured solution quality.
- Documented solutions with precision and maintained high client service standards.

Technologies: PowerApps, Power BI, SharePoint, Dynamics 365, Microsoft Teams, Exchange, Azure, PowerShell.
Competencies: Effective communication (oral and written), Analytical thinking and problem-solving, Continuous learning and results-oriented, Ability to work independently and follow instructions.

Software Developer Intern   May 2024 - December 2024
TrioPac Inc., Vaudreuil, QC
- Defined requirements by having regular meetings with the client and discussing use cases.
- Created specification based on the requirements.
- Designed and implemented the application over multiple iterations with continuous feedback from the client.
- Thorough use of OOP design patterns.
- Created both technical documentation and a user guide.
- Helped new users adopt the tool.

Technologies: VB .NET, SourceTree, GitLab, SQL Server Management Studio, Visual Studio, Draw.io
Core Competencies: Effective communication with clients, establish requirements from user stories, Design domain model, Design database Schemas, Use OOP design patterns.

INTERESTS

Passions   I love going to live music shows, playing the guitar, meeting new people, and discussing our common interests. I go to Hackathons with my friends when I get the chance.

Programming   I like programming in my free time and testing various libraries, frameworks, and API's. I also spend time solving problems on LeetCode. One of my hobbies is building emulators for retro consoles.