

# PATRICK-OLIVIER TETE

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## PROFESSIONAL EXPERIENCE

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### **Ministere de la Cybersecurite et du Numerique** (*Levio Conseils*)

**Quebec, QC**

*Software Developer Java*

*March 2023 - Today*

- Develop new services, improve and test existing services using Quarkus. This enhanced our test coverage and code quality metrics.
- Develop and propose solutions to improve the developer experience, reducing onboarding time and enabling new developers to become operational more quickly.
- Add or update components of the graphical interfaces of various services. These improvements resulted in more modern user interfaces.
- Establish procedures to facilitate the use of work tools by developers. These procedures enabled faster adoption of new tools, significantly reducing training time.
- Implement application models for other development teams. This provided coherence and uniformity, reducing time to production.

### **DesJardins** (*Levio Conseils*)

**Quebec, QC**

*Java Backend Analyst-Programmer*

*July 2021 – March 2023*

- Automatically generate and produce files using Spring Batch.
- Deploy and test in various DEV and ACC environments, leading to a reduction in post-deployment issues.
- Update SQL scripts to align with new customer requirements. This resulted in improved query performance.
- Write and update unit tests. This led to fewer bugs and improved code quality.
- Carry out all other related project improvement and documentation tasks relating to the project.

### **University of Sherbrooke**

**Sherbrooke**

*Teaching assistant*

*2020 – 2021*

- Help students understand the subject of assignments or practical work.
- Help students solve technical problems.
- Help students find their own solutions.
- Correct students' homework and practical work.
- Provide feedback on students' proposed answers.

### **National Bank of Canada**

**Montreal**

*Java Backend Developer and Data Engineer (2 internships)*

*2019 – 2020*

- Develop microservices using Java API Rest.
- Perform automated tests.
- Contribute daily to code quality and ways of maintaining it..
- Support the team in the development and design of a Spark builder.
- Suggest and implement improvements to the builder.
- Migrate data from old to new work ecosystems.
- Assess operational requirements.
- Carry out any other related tasks proposed by my supervisor or another team member.

**David Murphy et Cie***Analyst-Programmer Backend C# (Internship)***Magog***Janvier 2019 – Avril 2019*

- Develop, enhance and test customer management tools in C# with ASP.NET and a Rest API.
- Ensure the stability and proper use of the tools developed.
- Produce data analysis scripts with SQL.
- Make preventive, corrective or evolutionary improvements.
- Perform any other related tasks assigned by the supervisor in connection with data management.

**SKILLS & INTERESTS**

Languages	Framework	Tools	Databases
Java	Quarkus	Azure DevOps, Git, Terraform	PostgreSQL
Python	Spring Boot	AWS Lambda, Github	MySQL
Bash	Spring Batch	API Gateway, S3,	DynamoDB
C#	ASP.NET	Dev Container, Docker, IntelliJ IDEA AWS CodeCommit, AWS CodePipeline	

**Languages:** French (native language), English (intermediate)**EDUCATION & CERTIFICATION****University of Sherbrooke***Bachelor's degree in informatics (Academic merit, recognition scholarship)***Sherbrooke****University Félix Houphouet Boigny***Bachelor's degree in business computing***Abidjan****Others certificates***AWS Certified Solutions Architect - Associate (Amazon Web Services)**AWS Certified Cloud Practitioner (Amazon Web Services)***PROJECT**

DADI Project (University of Sherbrooke)

*Techno-pedagogical innovation hub in the Faculty of Education*

Set up a web application to provide Quebec teachers with support and reference tools for improving online course delivery.

**COMMUNITY INVOLVEMENT****Designer**

Design and produce posters to promote events.