

Philippe Hamel

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SUMMARY

I'm a developer passionate about building reliable systems, with a strong focus on data, infrastructure and devops. I enjoy working on solutions that are scalable, efficient, and maintainable.

I am always seeking to improve performance, automate workflows, and enable my team to deliver faster and smarter. I'm motivated by a desire to solve complex problems with clean, pragmatic code and robust architecture.

Always learning, always curious. I believe that great development is not just about writing code, but about understanding systems end-to-end and building solutions that make a real impact.

EXPERIENCE

Ticketmaster

Full-Stack Developer

Jun 2024 – Present | Québec, Canada (Hybrid)

- Developed and maintained TM1 Reports, a customer-facing BI web application enabling users to query and visualize their data
- Migrated business reports and backend data flows from a legacy system to the new platform, modernizing both UI components (React.js) and Spring Boot services.
- Contributed to SOC 2-compliant CI/CD pipelines (2 backend + 1 frontend) using GitLab and Maven, supporting automated deployment across staging and production.
- Collaborated with cross-functional teams to deliver secure, scalable reporting tools for enterprise clients.
- Tech: Java, Spring Boot, React.js, Apollo GraphQL, Maven, GitLab, MySQL, Oracle DB, Prometheus, Grafana, HTML/CSS.

Data Developer

Jan 2023 – Jun 2024 | Québec, Canada (Hybrid)

- Built and maintained batch and streaming data pipelines (Apache Spark on Databricks, Kafka-based ingestion) to support real-time analytics and scheduled reporting.
- Managed data delivery for VIP clients through a secure REST API, enabling direct access to large-scale event and sales datasets.
- Handled cloud infrastructure provisioning and management using Terraform, including data processing clusters, monitoring tools, and access control.
- Worked with datasets spanning millions of customer transactions, supporting use cases such as revenue reporting and operational monitoring.
- Tech: Python, Scala, Spring Boot, Databricks, Spark, GitLab, Prometheus, Grafana, Docker, Kubernetes, Cassandra, ScyllaDB, MySQL, Oracle DB, SQL, NoSQL.

Promutuel Assurance

Developer

Jun 2019 – May 2022 | Québec, Québec, Canada

- Developed and maintained the tarification API supporting both personal and commercial insurance lines, a critical component in policy pricing and underwriting workflows.
- Built and enhanced internal tooling for actuaries to measure insurance exposure, collaborating closely with BI, Actuarial, and Data Science teams to align models, data, and reporting.
- Contributed to tech stack decisions and led key refactoring efforts, improving code maintainability and long-term scalability.
- Optimized orchestration and execution times for exposure measurement, significantly reducing turnaround times for risk assessments.
- Tech: Spring Boot, Python, Guidewire, GOSU, IBM ODM, XML, SOAP.

Ministère du Conseil exécutif (MCE) / Ministère des Transports du Québec (MTQ)

Data Analyst

2016 – 2019 | Québec, Québec, Canada

- Supported the provincial transportation electrification program and subsidies program for First Nations through data analysis and reporting.
- Automated data compilation, statistical analyses, and dashboard development to enable data-driven decision-making for policy initiatives.
- Produced actionable insights used by government leaders to monitor program performance and allocate funding efficiently.
- Tech: Excel VBA, SQL, R, Power BI, Tableau, Statistical Modeling.

EDUCATION

Laval University

Bachelor's degree, Economics

2017

SKILLS

- Programming Languages: Java, Python, Scala, SQL, Javascript
- Frameworks: Spring Boot, React.js, Apache Spark
- Tools: GitLab, Terraform, Docker, Kubernetes
- Databases: MySQL, Oracle DB, Cassandra, ScyllaDB
- Cloud Platforms: AWS (S3, EC2), Databricks
- Monitoring: Prometheus, Grafana