

# Edward Vaisman

 (+1) 647-219-6236 |  vaismanedward@gmail.com |  edwardvaisman.ca |  edwardvaisman |  eddyv

## Professional Summary

Software developer with 8 years of professional experience and a potent interest for event-driven systems. Proficiency in operating multi-region distributed streaming platforms like apache kafka on aws. Extensive software development life cycle experience exercised from start to finish along with prominent communication skills and constructive attitude.

## Professional Experience



### Confluent

STAFF PARTNER INNOVATION ENGINEER

Toronto, ON

Oct 2022 - Current

- Architected and secured a robust, multi-datacenter Kafka infrastructure, including add-ons like Confluent Schema Registry, MirrorMaker2, and Kafka Connect.
- Developed automation for provisioning, maintaining, and monitoring Kafka environments using the HashiCorp stack.
- Designed, implemented, and operated multi-datacenter Kafka infrastructure along-side kafka add-ons such as Confluent Schema Registry, MirrorMaker2, Kafka Connect.
- Implemented observability solutions, creating real-time monitoring dashboards to track Kafka cluster connectivity, security, and performance. (DataDog, ElasticSearch, Prometheus, Grafana)
- Built self-serve GitOps tools to increase speed and productivity of developers using the kafka platform. (Topic Management, ACL Management, Kafka Connect Cluster Deployment, KSQL Deployment, Self-Hosted GitHub Runners, etc...)
- Increased our PaaS offerings by building an in-house CLI to interact with our private cloud infrastructure to deal with secret management, volume management, application deployment. (Typer CLI, Nomad APIs, Vault APIs)
- Optimized Kafka performance by identifying bottlenecks and implementing throughput enhancements.
- Ensured system reliability through rigorous disaster recovery testing and routine backup and restoration exercises.
- Educated staff on Kafka architecture, Schema Registry, and event-driven design principles, fostering company-wide adoption of best practices.

Kafka Flink Terraform Java Vert.x



### Wavelo (Tucows)

SENIOR STAFF ENGINEER (KAFKA)

Toronto, ON

Nov 2020 - Oct 2022

- Architected and secured a robust, multi-datacenter Kafka infrastructure, including add-ons like Confluent Schema Registry, MirrorMaker2, and Kafka Connect.
- Developed automation for provisioning, maintaining, and monitoring Kafka environments using the HashiCorp stack.
- Designed, implemented, and operated multi-datacenter Kafka infrastructure along-side kafka add-ons such as Confluent Schema Registry, MirrorMaker2, Kafka Connect.
- Implemented observability solutions, creating real-time monitoring dashboards to track Kafka cluster connectivity, security, and performance. (DataDog, ElasticSearch, Prometheus, Grafana)
- Built self-serve GitOps tools to increase speed and productivity of developers using the kafka platform. (Topic Management, ACL Management, Kafka Connect Cluster Deployment, KSQL Deployment, Self-Hosted GitHub Runners, etc...)
- Increased our PaaS offerings by building an in-house CLI to interact with our private cloud infrastructure to deal with secret management, volume management, application deployment. (Typer CLI, Nomad APIs, Vault APIs)
- Optimized Kafka performance by identifying bottlenecks and implementing throughput enhancements.
- Ensured system reliability through rigorous disaster recovery testing and routine backup and restoration exercises.
- Educated staff on Kafka architecture, Schema Registry, and event-driven design principles, fostering company-wide adoption of best practices.

Kafka Terraform Nomad Vault SaltStack Python Bash Docker GitHub Actions Prometheus Grafana DataDog ElasticSearch



### Bank Of Montreal (BMO)

SENIOR APPLICATION DEVELOPER

Toronto, ON

Sept 2018 - Oct 2020

- Played a key role in advancing the bank's Customer Intelligence Platform by delivering a near real-time solution to provide the business with a unified view of customer interactions and enhance customer experience.
- Onboarded, trained, and mentored developers, ensuring comfortability and expertise in distributed systems, Git Flow, Dockerized deployments, and event-driven architecture.
- Designed and implemented a secure, field-level encrypted real-time data pipeline enabling seamless data transfer between on-premises and cloud-based Kafka clusters (AWS).
- Developed and optimized real-time streaming data pipelines to facilitate reliable data exchange across systems and applications.
- Created real-time streaming applications to transform and react to data streams, driving actionable insights.
- Automated workflows and integrations to enhance operational efficiency and effectiveness.
- Produced high-quality software implementations, adhering to stringent standards for security, logging, error handling, performance, and other non-functional requirements.

Kafka Kafka Streams Java Spring Boot Tibco AWS Lambda Secrets Manager



### Viacoremedia

WEB DEVELOPER

Toronto, ON

May 2016 - Sept 2018

- Managed web pages, email hosting, and web hosting services to ensure seamless client operations and user satisfaction.
- Designed and developed scalable, responsive, and robust web pages optimized for high performance and conversion rates.
- Collaborated with clients and project managers to define project scope, goals, and deliverables, including SEO optimization strategies.
- Gathered and analyzed user data to enhance website performance and presented actionable insights to clients.

- Delivered detailed software solutions encompassing animations (CSS3, JQuery), scripting (PHP, JavaScript, JQuery, Google Apps Scripts), and CMS development (WordPress).
- Built proficiency in time management by consistently meeting tight deadlines across multiple projects.

HTML CSS JavaScript PHP WordPress JQuery Google Apps Scripts SEO

## Skills

---

**Programming** Java, Python, Bash, C#, XNA Game Studio

**Web** HTML5, CSS, JavaScript, Tailwindcss, Astro, WordPress, React

**Big Data** Confluent, Kafka, Flink, DataHub

**Cloud** AWS, GCP, Azure, OpenStack, DigitalOcean

**DevOps** GitHub, GitHub Actions, SemaphoreCI, SaltStack, Terraform, Nomad, Vault, Docker, GitLab, Ansible, Maven

**Languages** English, Russian.

## Education

---

**York University**

B.Sc, SPEC. HONS. COMPUTER SCIENCE (SOFTWARE DEVELOPMENT)

Toronto, ON

Sept 2013 - April 2018