

# VLAD LUNGU

+1 (416) 564-1053 ▪ v\_lungu@outlook.com ▪ v-lungu.github.io

---

## EXPERIENCE

---

### TD Bank - Software Developer

Oct 2025 - Present

*Java Spring Boot, Apache Kafka, Python*

- Advise 50+ client onboarding to Apache Kafka, migrating data pipelines from legacy databases to event streaming architecture, guiding clients through onboarding, troubleshooting, and production launch
- Build tools for improving client experience through self-serve topic creation and authorization, reducing onboarding time and friction
- Implement solutions to allow internal clients to interface with TD's Kafka servers through a REST proxy

### TD Bank - Developer Advocate (consultant through FDM Group)

Mar 2024 - Sep 2025

*Java Spring Boot, Apache Kafka, Python*

- Developed and implement strategy to allow automated role based access policy solution for Kafka client topics hosted on Confluent Cloud Platform, integrating workflow automation platform, onboarding application, and Confluent access and permissions API
- Developed test connection Python application to allow clients to test their ability to produce, consume, and initiate streams in Kafka using default and customized configurations that can be run locally, on a virtual machine, or Azure private cloud
- Conducted code reviews, change requests, client application deployments, and assisted clients in resolving errors related to Kafka applications

### Nexans Canada - Accounts Payable Associate

Oct 2023 - Feb 2024

*Python, SAP*

- Managed and organized 200+ invoices per month across Nexans Canada's four locations, posting in SAP and validating against purchase orders
- Automated invoice file naming and weekly approval file routing using Python, reducing manual processing time by approximately 3 hours a week

### Hypatia Systems - Full Stack Developer Intern

May 2022 - Sep 2022

*PostgreSQL, Node, Express, JavaScript, PUG*

- Implemented graphing capabilities using Fabric.js with an Express enabling teachers to create math problems involving points, lines, and polygons on a coordinate plane
- Integrated full text search across textbook and question back datasets using SQL queries and a PUG/CSS/JavaScript front-end, improving content discoverability for 10,000+ indexed items

### TTT Studios - QA Automation Engineer Intern

Sep 2021 - Dec 2021

*Cypress, Appium*

- Served as sole QA developer on two concurrent projects, executing test plans in TestRails using automated scripts written in Cypress and Appium to validate web and mobile application functionality

## PROJECTS

---

### Spotify Playlist Manager

Nov 2025 - Present

*Python, Next.js*

- Designed a full-stack web app using Spotify API to auto-generate playlists from a user-defined artist watchlist, with filters for genre, release date, and artist
- Implemented OAuth 2.0 authentication flow and REST API backend in Python for Spotify token management

## EDUCATION

---

University of British Columbia - Bachelor of Computer Science *GPA: 3.9*

May 2023

University of British Columbia - Bachelor of Science - Biology *GPA: 3.9*

May 2020

## SKILLS & INTERESTS

---

- **Programming:** Python, Java, JavaScript, Node, Express, SQL, R, React.js, CSS, HTML5, C, C++
- **Tools:** GitHub, VS Code, ClickUp, Jira, Notion, TestRail, JMeter, Apache Kafka