

Vraj Shah

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Hiring Team

Statistics Canada

Subject: Application for **Programmer/Analyst - Stream 3: Application / Stack Cloud Developer**

Dear Nancy Bonnieul,

I am excited about the opportunity to contribute to Statistics Canada's Cloud Service Enablement Team as an Application/Stack Cloud Developer. As someone who thrives on solving technical challenges and delivering innovative digital solutions, I am eager to help accelerate statistical research across Canada by developing and supporting modern cloud platforms.

With two years of professional experience in software development and a strong academic foundation as a master's student in Applied Computer Science at Dalhousie University, I bring a blend of technical expertise and collaborative skills that align well with the needs of this role. In my career so far, I have:

- **Developed scalable applications** using **Kotlin**, **Swift**, and **Java**, adhering to object-oriented principles and clean coding practices.
- Designed and implemented **CI/CD pipelines** for seamless deployment and integration of software updates.
- Gained hands-on experience with containerization tools like **Docker** and orchestration platforms like **Kubernetes**.
- Collaborated in **Agile environments**, participating in sprint planning, daily scrums, and retrospectives to deliver high-quality software efficiently.

This role's emphasis on cloud-native technologies and services excites me, especially the opportunity to work with platforms like **Microsoft Azure** and tools such as **Azure Data Factory** and **Azure Data Lake**. I am confident my ability to learn new technologies quickly will allow me to contribute effectively, whether developing APIs for metadata management, creating advanced search capabilities, or building proof-of-concept web applications with **Python** and **Flask**.

Additional Information (as per application requirements):

- **Program/Field of Study:** Master's in applied computer science
- **Citizenship status:** International Student
- **Preferred work term duration:** 4 months
- **English Proficiency:** Advanced

- **French Proficiency:** Basic
- **Cumulative Grade Point Average:** 4.07 / 4.3 which equals 94.65%
- **Tentative Date of Graduation:** 09/2025
- **Post-secondary courses:**
 - Object Oriented Programming: Yes
 - Databases: Yes
 - Data Structures: Yes
 - Machine Learning: Yes
 - Big Data Analysis: Yes
 - Artificial Intelligence: Yes
 - Data Science: Yes

I am particularly inspired by the opportunity to contribute to projects like **DAaaS (Data Analytics as a Service)** and to leverage my skills in cloud services, data modelling, and automation. The chance to work at Statistics Canada—an organization consistently ranked among Ottawa’s top employers—would be a privilege, and I look forward to collaborating with IT professionals and subject matter specialists to deliver impactful solutions.

Thank you for considering my application. I look forward to the opportunity to discuss how my background and skills align with the needs of your team. Please feel free to contact me to arrange a conversation.

Sincerely,
Vraj Shah