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21 Jan 2024
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Hiring Team
Statistics Canada

Subject: Application for **Programmer/Analyst - Stream 2: JAVA and SQL Developer**

Dear Nancy Bonnieul,

Building reliable, high-quality software solutions has always been a passion of mine, and I am excited about the opportunity to bring my expertise to your team as you develop a cloud-native system for the Labour Force Survey monthly sample. With a strong background in software development and a keen ability to collaborate in agile environments, I am confident in my ability to make meaningful contributions to your team.

In my two years of professional experience, I have:

- **Produced high-quality, maintainable code** using **Kotlin** and **Swift**, while adhering to best practices and design principles.

- Participated in **design, implementation, and testing**, ensuring robust and user-friendly application features.

- Actively engaged in **sprint planning, retrospectives**, and daily scrums, fostering team collaboration and alignment.

- Conducted **code reviews** to maintain code quality and shared knowledge across the team.

- Provided **time estimates and progress updates**, ensuring project timelines and deliverables were met.

Although my prior experience centers on Kotlin and Swift, I have strong foundational knowledge of **Java** and **SQL**, complemented by hands-on experience with version control systems like **Git**. My adaptability and eagerness to learn have always allowed me to quickly master new tools and technologies—a skill I am confident will help me effectively utilize tools such as IntelliJ, Liquibase, SQL Server Management Studio, and Balsamiq in your environment.

Currently pursuing a master's in applied computer science at Dalhousie University, I am honing my technical expertise while staying abreast of the latest industry trends. I am particularly drawn to this role because it combines technical challenges with the opportunity to work on a project that directly impacts data-driven decision-making on a national scale.

Statistics Canada offers a remarkably varied work environment, and the opportunity to collaborate with IT professionals and subject matter specialists to design, develop, and test systems excites me. Your recognition as one of Ottawa's top employers, along with the accessibility of your head office, further underscores your commitment to fostering a dynamic and supportive workplace.

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**:

    o   Object Oriented Programming: Yes

    o   Databases: Yes

    o   Data Structures: Yes

    o   Machine Learning: Yes

    o   Big Data Analysis: Yes

    o   Artificial Intelligence: Yes

    o   Data Science: Yes

I would welcome the chance to contribute my skills and dedication to your team while continuing to grow professionally. I am eager to bring my collaborative spirit and problem-solving mindset to the table and help achieve the goals of your agile development team.

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