

Vraj Shah

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Hiring Team

Strathcona

Subject: Application for **Student, Data Developer**

Dear Hiring Team,

I am excited to apply for the Student, Data Developer role at Strathcona Resources Ltd. With a strong background in data engineering, ETL pipeline development, and cloud technologies, I am eager to contribute to your data-driven initiatives while gaining valuable industry experience.

During my tenure as a Software Engineer at Simform Solutions, I designed and optimized ETL pipelines using Python and SQL, improving data ingestion efficiency by 40%. Additionally, I led a database migration project to Azure Cloud, enhancing scalability and performance. My ability to develop RESTful APIs and automate data processing has streamlined operations for financial applications, demonstrating my commitment to building scalable and reliable data solutions. Currently, I am pursuing my Master of Applied Computer Science at Dalhousie University, where I am further refining my expertise in data management, cloud computing, and business intelligence.

Strathcona's focus on leveraging data solutions to drive decision-making aligns perfectly with my passion for building optimized, scalable, and reliable data infrastructures. I am particularly excited about the opportunity to work with large datasets, optimize queries, and collaborate with engineers and analysts on predictive analytics and machine learning initiatives. My proficiency in Python, SQL, Databricks, and Azure, combined with my problem-solving abilities, would allow me to make meaningful contributions to your team.

I would welcome the opportunity to discuss how my skills and experience align with Strathcona's objectives. Thank you for your time and consideration—I look forward to the possibility of joining your team.

Sincerely,

Vraj Shah