

Vraj Shah

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Hiring Team

Town of Bridgewater

Subject: Application for **Data Science Analyst Co-op**

Dear Emily Kathan,

I'm writing to express my interest in the **Data Science Analyst Co-op** position at the Town of Bridgewater. With over two years of professional experience in backend and mobile development, combined with my ongoing graduate studies in Applied Computer Science at Dalhousie University, I'm excited about the opportunity to contribute to your innovative team.

In my previous role at Simform Solutions, I designed backend systems using Python and developed data pipelines that optimized business reporting workflows. I also worked extensively with relational databases like **PostgreSQL** and **MySQL**, ensuring high-performance query execution and clean data integration. On the frontend, I've built responsive interfaces using ReactJS, and integrated graph-based visualizations to present data insights clearly.

What excites me most about this role is the blend of software engineering and data analysis. Your emphasis on leveraging technologies like **Node.js**, **Python**, and **Azure** aligns perfectly with my experience in automating processes and building cloud-ready solutions. I'm confident that my hands-on background, along with my passion for continuous learning, makes me a strong fit for this opportunity.

I'd love the chance to further discuss how my background and skills align with the goals of the Town of Bridgewater. Thank you for considering my application — I look forward to hearing from you!

Sincerely,

Vraj Shah