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Software Developer

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Greetings to the Recruiting Team at Hatch,

I am writing to express my keen interest in the Junior Software Developer Student position based in Niagara Falls, ON, as outlined in Requisition ID 92275. With a robust computer science background and extensive software development experience, particularly in web and mobile applications, I am excited about the opportunity to contribute to Hatch's innovative projects within the energy sector.

During my tenure at Manitoulin Transports, I led the migration of the company's internal management website to a microservices architecture utilizing Vue and Python Django, significantly enhancing operational efficiency and user experience. This role allowed me to reduce the website loading latency by 50% by optimizing database interactions and implementing advanced security measures, including VPN authentication and 2FA processes. Such technical and problem-solving skills are directly applicable to the dynamic software development needs at Hatch.

Hatch's commitment to a low-carbon world and innovative solutions in the energy sector, particularly in hydropower, resonates with my professional aspirations and academic focus. Currently pursuing a Master of Engineering in Electrical and Computer Engineering with a specialization in Software Engineering at Western University, I am equipped with cutting-edge knowledge in software development, which I am eager to apply in a practical, world-changing environment like Hatch.

My recent projects include developing an AI-enhanced teaching assistant agent, which utilizes machine learning to provide contextually relevant responses to student queries. This project and my experience in deploying scalable web solutions using Docker, Kubernetes, and various cloud platforms prepare me well for contributing to Hatch's software development initiatives, particularly in environments requiring high accuracy and reliability.

I am drawn to Hatch's open and participative culture and enthusiastic about the prospect of working in a company that values sustainability and innovation. I am confident that my software development background and proactive approach to learning and problem-solving will allow me to contribute effectively to your team.

Thank you for considering my application. I look forward to discussing how I can contribute to your esteemed company and help achieve Hatch's goals for a better world.

Yours sincerely,

Yinglun(Leo) Suo