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Software Developer

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Greetings to the Hiring Team at Nokia,

I am writing to express my interest in the Automation and AI/ML Development Student position at Nokia. I found this opportunity through the Western Connect Co-op Job Board and am excited about the chance to contribute to your team. Please note that I am available for a four-month co-op term starting in September 2024.

I am currently a Master's student in Electrical and Computer Engineering at Western University, specializing in Software Engineering. My academic and professional experiences have equipped me with a solid experiences in skills such as Python, and JavaScript, as well as expertise in cloud platforms like Google Cloud Platform (GCP) and Kubernetes.

During my tenure at Manitoulin Transports, I gained extensive experience in web development and cloud-based projects. I successfully migrated the company's internal management website to a microservices architecture using Vue and Python Django, significantly improving system efficiency and user experience.

In a recent project, I developed an NLP model comparison and optimization system for news text classification. By leveraging advanced models like BERT, RoBERTa, and XLNet, and employing techniques such as transfer learning and hyperparameter tuning, I achieved significant accuracy improvements and training efficiency. This project underscored my strong analytical skills and my ability to apply machine learning techniques to real-world problems.

My experience with Kubernetes includes developing and deploying automation scripts for file system traversal and database integration, as well as managing cloud-based infrastructure for an online bookstore system using Docker and GCP. These experiences have honed my skills in cloud engineering, containerization, and scalable system design.

I am particularly drawn to this role at Nokia due to the opportunity to work with cutting-edge technologies and collaborate with a team of highly skilled professionals. I am confident that my background, combined with my passion for learning and innovation, makes me a strong candidate for this position. I am eager to contribute to the development of future immersive applications and meta-verse networks at Nokia.

Thank you for considering my application. I look forward to the possibility of discussing how my background, skills, and enthusiasms align with the goals of your team. Please feel free to contact me at (437)-982-0816 or via email at ysuo7@uwo.ca.

Yours sincerely,

Yinglun(Leo) Suo