

AMAN ZAVERI

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Dear Hiring Manager,

I am writing with immense enthusiasm to express my interest in the DSP Firmware Engineering Co-op/Intern position at Nokia, as advertised on WaterlooWorks. The opportunity to contribute to cutting-edge technology within a company at the forefront of innovation, particularly in the realm of network and cloud solutions, is incredibly appealing. I am particularly drawn to Nokia's commitment to inclusivity and its recognition as a leader in ethical business practices.

My background in developing embedded systems aligns directly with the requirements outlined in the job description. For instance, I have engineered a tire-pressure system in C++ via HAL + AIDL, ensuring sub-second alerts and 99% reliability. This experience demonstrates my proficiency in C++ programming and my ability to work with real-time embedded control systems, a key aspect of the role. Furthermore, my experience in diagnosing Linux drivers and building MQTT tools showcases my ability to troubleshoot and optimize connectivity modules. These skills are readily transferable to the DSP and control systems for advanced applications that Nokia is developing.

I am currently a candidate for a Master's degree in Computer Science from an accredited Canadian institution and I am confident that my coursework in DSP and control theory, combined with my practical experience, makes me a strong candidate for this position. I am eager to apply my skills to contribute to Nokia's mission of connecting the world and I am excited by the prospect of learning from and collaborating with your team. I am excited at the prospect of utilizing MATLAB for hardware modeling and working with your state-of-the-art Optical Modem ASIC.

I am looking forward to hearing from you to make interview arrangements.

Aman Zaveri