

AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Software Developer Co-op position at Habtech, as advertised. The opportunity to contribute to access control and automation systems, specifically through PLC programming and .NET development, aligns perfectly with my academic and professional aspirations. I am particularly excited about the prospect of bridging the gap between PLCs and your HMI software, a challenge I am eager to tackle.

My experience building real-time systems makes me a strong fit for this role. For example, I developed a tire-pressure system in C++ via HAL + AIDL that offered sub-second alerts and 99% reliability. This project demonstrates my ability to engineer reliable and efficient systems, a skill I believe is crucial for the secure communication requirements of Habtech's door control systems. Furthermore, my experience in developing a real-time React analytics platform with Flask and PostgreSQL, which served 1,000 enterprise users, highlights my ability to work with real-time data exchange, similar to the MQTT broker service required.

I am particularly drawn to Habtech's commitment to providing mentorship and training, as this demonstrates a dedication to fostering growth within the team. I am eager to apply my skills and learn from experienced engineers, contributing to the development of cutting-edge access control solutions. My strong problem-solving skills, coupled with my curiosity and willingness to learn, will allow me to quickly adapt and excel in this role. Thank you for considering my application.

Aman Zaveri