Vraj Shah
shahvraj2016@gmail.com
+19029941436
16 March 2025
LinkedIn | GitHub | Portfolio | LeetCode | HackerRank

Hiring Team
Syntronic

Subject: Application for **Software Designer – Co-op/Summer Student**

Dear Hiring Team,

Exploring the intersection of embedded systems and wireless technologies has been a driving force in my academic and professional journey. As a master's student in Applied Computer Science at Dalhousie University, I am eager to contribute my software development expertise and problem-solving mindset to Syntronic Canada's co-op program.

During my tenure as a Software Engineer at Simform Solutions, I designed and optimized embedded software using C and Kotlin, reducing memory consumption by 30% and improving execution speed. I collaborated with cross-functional teams to develop and maintain RESTful APIs, debug complex software issues, and enhance system reliability. My experience with Git-based version control, Agile methodologies, and multithreaded programming has prepared me to work effectively in fast-paced development environments.

Beyond software development, I have worked on projects integrating wireless communication protocols and low-level firmware components, ensuring seamless interaction between hardware and software. My ability to analyze and troubleshoot system-level issues aligns well with the challenges of developing wireless functionalities at Syntronic.

I am excited about the opportunity to learn and contribute to Syntronic's cutting-edge innovations. I welcome the chance to discuss how my skills and passion align with your team's goals. Thank you for your time and consideration.

Sincerely,
Vraj Shah