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To the recruitment Team  
Aviya Aerospace Systems,  
1010 Rue de Serigny, Longueuil,  
QC, J4K 5G7, Canada

**Re: Application for Junior Software Engineer Position**

**Dear Hiring Manager,**

I am writing to express my enthusiastic interest in the **Junior Software Engineer position at Aviya Aerospace Systems**. As a recent Master of Applied Computer Science graduate from Dalhousie University, I bring a solid foundation in software development, with a keen interest in embedded systems. My academic and professional experiences have equipped me with a robust skill set in **C, C++, Python, and Software design**, making me a strong candidate for your engineering team.

During my time at **JPMorgan Chase & Co.** and the **Institute of Plasma Research**, I gained hands-on experience in developing enterprise-level applications and integrating seamless backend services. This experience has honed my ability to contribute to all phases of the **software development lifecycle**, from initial design to implementation and testing. I have a proven track record of working effectively both independently and as part of a team, delivering high-quality software solutions that meet rigorous standards.

My academic projects, such as **TrimTrek and TripEase**, demonstrate my capability to produce detailed design documents, adhere to internal standards, and develop specific software modules. These projects underscore my proficiency with integrated software design environments (SDE) and configuration management systems like **GIT**. My familiarity with **Agile methodologies** and my proactive approach to **learning and problem-solving** have prepared me to adapt quickly to new environments and technologies.

I am excited about the opportunity to bring my unique blend of skills and experience to **Aviya Aerospace Systems**. I am confident that my background in software development and my passion for embedded systems make me a perfect fit for your team. I look forward to the possibility of contributing to your innovative projects and am eager to discuss how I can support your team's goals. Thank you for considering my application.

Sincerely,

Jay Rana