AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the AI Software Engineering position at 8090 Solutions Canada Inc, as advertised on the co-op portal. The opportunity to contribute to a Software Factory that leverages AI to revolutionize software development, particularly under the leadership of Chamath Palihapitiya, deeply resonates with my passion for innovation and efficiency.

My experience in architecting and engineering complex systems, coupled with my proficiency in full-stack development, aligns strongly with the requirements of this role. For instance, I architected a Node.js service with WebSockets and S3 for image aggregation, cutting query latency by 35%. This project demonstrates my ability to design and implement efficient solutions, skills that I am eager to apply to building customer solutions with the Software Factory. Furthermore, my development of a real-time React analytics platform with Flask and PostgreSQL, serving 1,000 enterprise users, highlights my capacity to handle large-scale data and deliver impactful insights, a crucial aspect of many AI-driven applications.

I am also particularly drawn to 8090â€™s emphasis on â€œbuilding AI with AI.â€ My work in automating event anomaly-detection pipelines using Selenium and PGVector, which reduced processing time by 75%, showcases my interest in leveraging AI tools to optimize processes and enhance productivity. I am confident that my ability to learn quickly, combined with my commitment to engineering excellence and a bias for action, would make me a valuable asset to your team.

Thank you for your time and consideration. I have attached my resume, co-op history, and grades for your review. I am excited about the possibility of contributing to 8090â€™s mission and look forward to hearing from you soon.

Aman Zaveri