AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Software Engineering Co-Op position at Index Exchange Inc, as advertised on WaterlooWorks. The opportunity to contribute to a platform processing 550 billion real-time auctions daily, in a company with an engineering-first culture, is incredibly exciting. I am confident my skills and experience align perfectly with your requirements.

My passion for problem-solving in high-scale, low-latency environments is evident in my experience architecting a Node.js service with WebSockets and S3 for image aggregation, which resulted in a 35% reduction in query latency. This project demonstrates my ability to design and implement solutions that directly impact performance, a critical skill for this role at Index Exchange. I also have experience in full-stack development using Next.js, Prisma, and PostgreSQL, which I believe provides a solid foundation for contributing to your team's projects.

Furthermore, I believe my experience leading the automation of PR validation pipelines using n8n and GitHub Actions, resulting in a 20-minute reduction in deployment time, showcases my ability to improve efficiency and contribute to a team's overall productivity. This proactive approach to automation aligns with Index Exchange's commitment to agility and continuous improvement. I am eager to contribute to your team's efforts and learn from the experienced engineers at Index Exchange.

Aman Zaveri