

AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Software Developer - Message Spool position at Solace Corporation. The opportunity to contribute to the persistence layer of the PubSub+ Message Broker, a system handling high-throughput message delivery at scale, deeply excites me. My experience in developing robust, high-performance systems aligns perfectly with the requirements of this role.

Specifically, my experience engineering a tire-pressure system in C++ via HAL + AIDL, achieving sub-second alerts and 99% reliability, demonstrates my ability to develop reliable and performant solutions in a Linux/Unix environment. Further, my work enhancing 30+ data handlers through async queues and lock-free buffers, boosting throughput by 45%, showcases my skills in optimizing systems for high throughput, a key element of the Message Spool team's objectives. The job description mentions using AI tools to accelerate development, and I have experience developing AI cover-letter generation and ATS keyword optimizers in Python, which would be a valuable skill to contribute.

I am particularly drawn to Solace's focus on cutting-edge technology and its commitment to building systems that handle guaranteed message delivery. I am confident that my skills and experience make me a strong candidate for this position, and I am eager to contribute to the success of Solace Corporation.

Aman Zaveri