

AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Software Developer Co-op position at Curtiss-Wright Defense Solutions, as advertised on your careers page. Curtiss-Wright's long-standing leadership in developing rugged electronic modules and systems for defense applications deeply resonates with my passion for creating robust and reliable software solutions. My experience in embedded systems, real-time operating systems, and automated testing makes me confident I can contribute meaningfully to your team.

Specifically, my experience engineering a tire-pressure system in C++ via HAL + AIDL, achieving sub-second alerts and 99% reliability, directly aligns with the responsibilities outlined in the job description. This project showcased my ability to develop high-performance, dependable software for embedded devices, a key requirement for this role. Furthermore, my experience developing Wi-Fi validation pipelines in Python/C++ integrated with Jenkins CI/CD, reducing test time by 40%, demonstrates my skills in automated testing. I understand your team uses state-of-the-art tools in both Linux and Windows development environments, and I am confident I can help automate the software testing process.

Beyond my technical skills, I possess the strong communication, technical writing, and problem-solving abilities necessary to thrive in a collaborative environment. My experience automating PR validation pipelines with n8n and GitHub Actions, resulting in a 20 minute reduction per deploy, also demonstrates my commitment to quality. I am eager to contribute my skills to Curtiss-Wright Defense Solutions and learn from your team of experienced engineers.

Thank you for your time and consideration. I have attached my resume for your review and welcome the opportunity to discuss my qualifications further.

Aman Zaveri