

AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Product Development Engineering position at Virtek Vision, as advertised on your careers page. Virtek Vision's commitment to innovation in laser templating and inspection solutions, serving diverse industries like aerospace and manufacturing, deeply resonates with my passion for developing cutting-edge technologies that solve real-world problems.

My experience architecting and engineering complex software and hardware systems aligns well with the responsibilities outlined in the job description. For example, I engineered a tire-pressure system in C++ via HAL + AIDL that delivered sub-second alerts with 99% reliability, demonstrating my ability to create robust and dependable solutions for critical applications. Further, I deployed a diagnostics dashboard in Kotlin + Jetpack Compose, which reduced debug time by 30% across teams, showcasing my experience in developing software that addresses real customer needs and improves internal efficiencies.

I am confident that my ability to clearly communicate complex ideas, visualize problems in 3D, and write software applications that interface with APIs and automation hardware will allow me to quickly contribute to Virtek Vision's product development efforts. Moreover, my experience building real-time analytics platforms and automated testing pipelines suggests I can provide valuable input into technical product specifications and identify opportunities for new product features. I am particularly excited by the opportunity to work with photogrammetry, optical inspection, and AI technologies, and to collaborate with the Application Team to evaluate customer applications.

Thank you for your time and consideration. I am eager to learn more about this opportunity and discuss how my skills and experience can benefit Virtek Vision.

Aman Zaveri