

# AMAN ZAVERI

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Dear Hiring Manager,

I am writing with immense enthusiasm to express my interest in the Product Hardware Engineering Intern position at Brickeye. The opportunity to contribute to Brickeye's innovative mission of building a safer, more resilient future using the Industrial Internet of Things is incredibly exciting, and aligns perfectly with my career aspirations. I am particularly drawn to the collaborative and entrepreneurial environment you describe, and I am confident that my skills and experience would be a valuable asset to your team.

My background in software and hardware engineering, combined with my passion for hands-on product development, makes me a strong candidate for this role. For example, my experience developing a tire-pressure system in C++ via HAL + AIDL, resulting in sub-second alerts and 99% reliability, demonstrates my proficiency in designing and implementing robust hardware-related solutions. Furthermore, my expertise in building validation pipelines, as shown in my development of Wi-Fi validation pipelines in Python/C++ integrated with Jenkins CI/CD, provides me with the skills necessary to excel in the design and testing aspects of the internship. I am also eager to leverage my experience with Python and other tools to automate processes and contribute to efficient product management.

I am particularly excited about the chance to learn from the team, contribute to the evolution of Brickeye's product vision, and engage in both product management and design aspects of the role. I am a highly motivated and detail-oriented individual with a "can-do" attitude, and I am eager to contribute to Brickeye's continued success. Thank you for your time and consideration. I look forward to the possibility of joining your team.

Aman Zaveri