

October 17, 2025

Dear Hiring Manager,

I am writing to express my interest in engineering roles that involve semiconductor validation, design automation, or system-level quality assurance. With over five years of experience across hardware validation and EDA QA automation, I bring a unique blend of hands-on system-level test experience and software-driven process optimization. This background has strengthened my understanding of how design, verification, and quality teams collaborate to deliver high-reliability semiconductor products.

In my current role, I develop and maintain automation frameworks for reliability verification and regression validation. I build scalable test environments using Python and Tcl, analyze performance and coverage data, and work closely with cross-functional engineering teams to identify and resolve validation and runtime issues. My contributions have focused on improving tool stability, reducing manual QA time, and enabling data-driven decision-making through metric dashboards and continuous integration workflows.

Earlier in my career, I worked on post-silicon validation and system bring-up for complex SoC products. I was involved in diagnostic test integration, yield analysis, and cross-IP debugging to ensure product readiness and reliability at scale. These experiences gave me a strong foundation in both silicon behavior and large-scale test execution, which I continue to apply when developing efficient and reproducible validation processes.

I am particularly drawn to positions that combine technical depth, process improvement, and cross-functional collaboration. My expertise in automation, regression infrastructure, and data analysis enables me to bridge software, hardware, and manufacturing perspectives in product quality and reliability initiatives. I am confident that my background and problem-solving approach can contribute effectively to engineering enablement and continuous improvement within your organization.

Thank you for considering my application. I would welcome the opportunity to discuss how my skills and experience can support your team's goals.

Sincerely,

Chinmay Rozekar

Wilsonville, OR

chinmay.rozekar@gmail.com