

AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Computer Vision Modeling Intern (Detection/Segmentation) position at Petra Hygienic Systems International Limited. The opportunity to contribute to the development of cutting-edge computer vision solutions within a company at the forefront of innovation deeply excites me. Your focus on fast baselines, error analysis, and streamlined MLOps practices aligns perfectly with my experience and professional aspirations.

My background in developing and deploying sophisticated AI systems makes me a strong candidate for this internship. For instance, I have hands-on experience training and evaluating computer vision models. I architected a multi-agent LLM system for resume job alignment, significantly improving match accuracy by 60%. Furthermore, I engineered AI cover-letter generation and ATS keyword optimization tools in Python, demonstrating my proficiency in creating tailored documents quickly. These projects directly address the responsibilities of this role, particularly those involving model training, evaluation, and optimization.

I am eager to apply my skills in PyTorch, OpenCV, and NumPy to contribute to Petra Hygienic Systems International Limited's objectives. I am confident that my passion for computer vision, coupled with my experience in building, evaluating, and deploying machine learning models, will enable me to make a meaningful contribution to your team. I am particularly drawn to your emphasis on practical application and MLOps best practices, which perfectly complements my interest in developing real-world solutions.

I am excited about the possibility of joining Petra Hygienic Systems International Limited and am confident in my ability to quickly learn and contribute to your team's success.

Aman Zaveri