

Date: 2nd December 2025

Subject: Letter of Recommendation for Shivani

To Whom It May Concern,

I am pleased to recommend **Shivani Sharma** for an AI-focused role in your organization. She brings a well-rounded mix of technical depth, strong work ethic, and professional maturity. Her experience includes contributing to proprietary web tools that support researchers in reporting and risk assessment, helping streamline workflows and improve usability. She also has solid full-stack development skills and experience with continuous integration practices, enabling her to work across the entire development pipeline with confidence. Shivani communicates her ideas clearly, collaborates effectively, and approaches tasks with enthusiasm.

In computer vision, she has hands-on experience with defect segmentation and has benchmarked models such as **Swin U-Net, U-Net, SegFormer, and DeepLabV3**. She evaluates models with precision, understands the underlying concepts thoroughly, and consistently applies a structured and thoughtful approach to problem-solving. Her ability to explain technical decisions clearly and composedly makes her a reliable contributor in both technical discussions and cross-functional settings.

During the LLM experimentation phase, Shivani independently redesigned the evaluation pipeline to eliminate significant run-time bottlenecks. The resulting improvements led to faster experiments, better tracking accuracy, and more consistent outputs without compromising reproducibility. This initiative demonstrated strong ownership, critical thinking, and an engineering mindset focused on practical, measurable impact. She combines attention to detail with the confidence to propose and implement solutions that meaningfully enhance system performance.

Shivani also has a broad understanding of how AI creates value across domains such as genomics, healthcare, manufacturing, logistics, agriculture, finance, and energy. She is passionate about learning, continuously improving her skills, and expanding her knowledge base. This commitment, combined with her adaptability, full-stack capabilities, continuous integration experience, and strong communication and problem-solving skills, makes her well prepared for roles in **machine learning, MLOps, or applied AI**. She is motivated, quick to learn, and well-suited for fast-paced industrial environments.

Sincerely,

Marius Singler M.Sc.

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