Nov. 23, 2025

Sub : Letter of Recommendation for Udai Relan

To Whom It May Concern

I write this letter in strong support of the application of Udai Relan. He is a student of Vasant Valley School Delhi, India and has been working under my guidance to develop AI tools for detection of hospital induced delirium at an early state. I have known Udai since December of 2024 and would like to specially mention his dedication, intelligence, and resilience in developing human-centered projects. I rarely see high-school students capable of making meaningful contributions to real-life academic projects but Udai has been an exception.
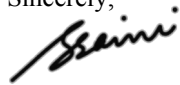
This year, he joined an ongoing lab initiative aimed at reducing nurse workload and preventable morbidity in understaffed hospitals by using AI to perform initial patient assessments that would otherwise require scarce nursing staff. Udai independently designed and built the complete autonomous clinical workflow system that makes nurse replacement feasible in practice: a secure, full-stack application that conducts structured patient interviews via voice and text, gathers symptoms and vital signs, runs the appropriate diagnostic AI pathways in real time, and delivers clear preliminary assessments and triage recommendations to clinicians- all without human intervention in the loop.

During this project, Udai he translated complex clinical protocols into robust software, implemented data handling, built intuitive interfaces, and deployed a production-ready system in weeks. Throughout, he engaged deeply with the research literature, asked sharp questions that improved our overall approach, and iterated rapidly based on feedbacks.

In addition to her technical acumen, Udai possesses a rare combination of empathy and intellectual curiosity. He is deeply motivated by the prospect of using technology to create meaningful social impact. In my experience as a mentor, Udai stands out as a student of high potential. I am confident that her technical skills, personal integrity, and passion for solving society problems will make him a valuable addition to any academic community. As such I recommend him in the strongest possible terms.

Please feel free to contact me if you have any questions.

Sincerely,

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