

# DR. KEN KAHN

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## Letter of Recommendation

**To whom it may concern,**

It gives me immense pleasure to recommend **Vani Jain**, who has undergone the three months Artificial Intelligence Internship Program under my guidance, for admission to your reputed institution. My interactions with her were limited to one occasion, when she presented her completed project.

Throughout our engagement, I was impressed by her project, particularly her goal of using AI and Machine Learning to provide a service for the community by creating an app called **“Aura—An Emotional Well-Being Support Application”** that helps the disabled community, the elderly, and technological novices access technology. I was delighted to see that **Vani Jain**, at the age of sixteen, has developed skills and a passion to innovate and solve real-world problems.

She creatively used Machine learning, ipywidgets, Speech Synthesis and Speech Recognition in Python and succeeded in creating her project. When she encountered technical difficulties in her project, she very wisely tried to follow suggestions in the reference material, and when that failed, she went to Stack Overflow and to GitHub sites to look at community support sites for her answers. She managed every component of her project very beautifully and everything is in working order. As a way forward, it can be integrated with voice, where the user can speak and the system will detect the speech and work on the basis of that. As of now, she has used lexicon based sentiment analysis and Machine Learning to recognize emotions from text and provide assistance on the basis of that.

Given that she only had three months to conceive, implement, and present the project, I was impressed by her efforts to integrate all of the planned components into the project.

From the other instructors, I have heard that Vani is a diligent and disciplined student. She has a very clear understanding of the concepts and does not hesitate to ask questions to clear her doubts. She possesses a curious and growth mindset that has enabled her to understand every coding concept and connect them to create useful apps. She doesn't get disappointed when there is an error in the code; instead, she feels all the more motivated to solve it. She has a lot of patience and yet is enthusiastic to take on new challenges. **Vani's** thoughts are sorted which helps her to create projects that are meaningful and that address real-life problems. She is filled with energy and also channelizes her energy in a creative way. When she takes on something, she puts her heart and soul into completing it the way she had envisioned it. That is what she did for her internship project. She never shies away from asking for help and she is a great team player too!

I don't doubt any of this.

If I can be of any further assistance, or provide you with any further information, please do not hesitate to contact me.

**Best regards,**

**Dr. Ken Kahn, Senior Researcher, Department of Education, University of Oxford**

**Date: 11/09/2025**