

## **Letter of Recommendation**

To whomsoever it may concern,

I take pleasure in writing this letter in favor of my staff, Kushagra Agarwal, who has been working in our organization in the Robotics Innovations Lab as a Research Engineer since July-2022.

Tata Consultancy Services is an Indian multinational information technology services and consulting company. The Robotics Innovations Lab in which Kushagra is working is responsible for conducting research on smart machines and building industrial software in the field of robotics in order to make smart machines more efficient and reduce human labor.

Kushagra works on computer vision tasks, where he codes various deep learning models for robotic vision that enable smart machines to obtain machine perception. He conducts independent research, by studying research papers and other material to find optimal solutions. He is good at logic building, as he thoroughly understands concepts before implementation. With a sound understanding of artificial intelligence, programming languages, system architecture, and APIs and pipelines, he works efficiently on variety of tools and technologies that we use in our projects. Being ambitious, he is naturally driven by a curiosity to learn. As a crucial part of the project, he has created perfect 3D models and lifelike synthetic dataset of various objects and has gained laurels.

Kushagra is a well-rounded personality: be it holding subject expertise and domain knowledge, taking leadership or initiative, or being adaptable and versatile, he has it all. He has the rare emotional maturity that is important in a workplace, especially in dealing with stressful situations, which is commendable.

With all these virtues, I am sure Kushagra will make a great candidate for the graduate program at your prestigious University. I strongly believe that he can add value to his environment through his earnestness, enthusiasm, diligence, and passion for learning. So, I strongly endorse him for the program. I am available to answer any further questions that you may have of him.

Sincerely,

Rajesh Sinha  
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Head of Smart Machines Research & Innovation  
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