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LETTER OF RECOMMENDATION

I, Dr.A. Packialatha, recommend Mr. Kaushik Kumar for the Masters program at your renowned university. I am glad to have been acquainted with him throughout his undergraduate studies at VELS Institute of Science and Technology. I have taught him subjects like 'Neural Networks', 'Big Data' and 'Principles of Compiler Design'. In all these subjects he had secured a score among the top 5 students in the department, which proved to be very competitive. I found Kaushik to be a very engaging student who asks astute questions, that make the class discussions deeply engrossing.

My interactions and proximity with him allowed me to judge him not only based on logical and technical thinking skills but also as a caring human being. I have always understood his desire to use his education to enhance the lives of as many people as possible. In his quest to deploy technology to solve real-world problems, as his major project, he designed and built the AI model 'Crop Surveillance System Using Artificial Neural Networks (ANN) and Deep Learning.' This pioneering endeavor showcased his commitment to merging advanced technologies with agricultural practices. By harnessing the power of artificial intelligence and deep learning, he developed an AI model that holds immense potential in revolutionizing crop monitoring and management.

As far as his academic orientation is concerned, he shows a flair at grasping new concepts and implementing them in his coursework. When the batch was transitioning from online learning to on-campus after COVID subsided, most of the students were finding it very difficult to cope with overflowing assignments and exams. During this tough period, I (and other professors in the department) noticed that Kaushik spent extra hours going out of his way to lend a helping hand to his friends to learn effectively. In addition to his academic skillset, Kaushik has an impressive extra-curricular skill set as well. He was an actively helping person, he contributed his help during my research work. As an active member of the Student IT maintenance team, he managed and upscaled our university student portal. He also organized NGO activities in and off campus throughout his time in the university, during which he tutored children from various backgrounds and provided help to the elderly. This shows his fervor of not just limiting himself to academics but also contributing to society.

During his studies, he never backed away from difficult and low resource topics. He demonstrated integrity by taking up and completing the project 'Online based Auction Management System using Ethereum Blockchain' which reshapes data transmission, particularly in the context of secure online auctions. His work exemplified how the decentralized nature of blockchain ensures transparency and safeguards sensitive information. This project was given an opportunity to represent our university and it was presented in the renowned NRCTCI conference as 'A Decentralized Online Marketplace using Ethereum Blockchain'.

All the above qualities coupled with his pleasing demeanor, adaptability, and confidence have convinced me to rank him among the top 5% of the students associated with me. I thus strongly recommend him since I believe that an admission in your university will not just help him achieve his dreams, but also bring out the real potential in him to become a destined leader in his field. Please contact me for any additional information.

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