VIT-AP UNIVERSITY

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LETTER OF RECOMMENDATION

I am writing to recommend Karthikeyan L for admission to Master's program in your esteemed university. As the faculty coordinator of the Institution of Engineers India (IEI) chapter where Karthikeyan served as the project and research team lead, I have directly observed his exceptional academic aptitude, research capability, and leadership maturity.

Throughout his academic journey, Karthikeyan has consistently excelled in statistics, programming, and data science, winning multiple university competitions, including The Byte The Mole, Datathon, and Pitstop AI. His research interests have paved the way for an internship at Indira Gandhi Center for Atomic Research, Kalpakkam, Tamil Nadu, India as a research and development intern. Apart from that, his findings have resulted a paper titled *Automating Nutritional Claim Verification: The Role of OCR and Machine Learning in Enhancing Food Label Transparency* in IEEE Conference, ICICNIS-2024. His final-year project, a comprehensive evaluation of data augmentation techniques across NLP benchmarks using a rigorous multi-metric framework, demonstrating genuine research rigor and technical innovation.

Karthikeyan's practical experience as a Data Analyst intern at Sutherland Global Services, Chennai, India. further demonstrates his ability to apply theoretical knowledge to real-world challenges. As IEI team lead, Karthikeyan designed and conducted hands-on workshops in Python and Computer Vision for his peers, personally coordinating a team. I observed his ability to communicate technical concepts clearly, motivate diverse teams, and maintain rigorous instructional standards.

Karthikeyan combines strong technical depth with exceptional interpersonal skills, collaborative spirit, and integrity. His intellectual curiosity, proven research capability, and demonstrated leadership make him exceptionally well-suited to thrive in a rigorous academic environment and contribute meaningfully to the data science community.

I wholeheartedly support his application and I am confident he will excel in your program.

Sincerely,

School of Electronics Engineering VIT-AP University

(Dr. Deepak Ch)