

Dr Suresh Babu Kotha

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To,

The Admissions Committee

[University Name]

MS in Computer Science – Admissions

Subject: Letter of Recommendation for Mr. Arjun Verma – MS in Computer Science

Dear Members of the Admissions Committee,

I am writing to recommend Arjun Verma for your MS program in Computer Science. I have known him for three years, first as his instructor in Advanced Algorithms and Operating Systems and then as his supervisor in his final year at IIT Hyderabad. In the 15 years of my teaching career, I have worked with countless UG students, and it's conclusive to me to say that they come in the top 5% when it comes to both technical skills and depth of thinking.

I first took notice of Arjun's ability in my Advanced Algorithms course when he scored 91/100. Second-highest in a class of 110 students. In his final year, Arjun worked with me on a thesis on "Optimising Graph Traversal Algorithms for Large-Scale Distributed Systems." A topic which sits at the cross-section of distributed computing and algorithm design. An area where even graduate students struggle a lot. Arjun quickly understood the theory and then designed a modified BFS-based traversal method that reduced average query latency by 27% on benchmark datasets. His code was clean, well-documented, and easy to reproduce. This matters a great deal in systems research. We are currently preparing this work for a peer-reviewed conference.

Arjun is well above the undergraduate level in C++, Python, and Go. He also has a solid understanding of Linux internals, networking protocols, and concurrent programming. All of which are directly useful in an MS program. He completed a software engineering internship at a Bangalore-based SaaS company, where he worked on backend infrastructure at scale.

Arjun is humble, collaborative, and generous. He regularly helped classmates debug and explained concepts in study groups. But always in a way that lets others think for themselves. His peers respect him, and he leads naturally without making others feel small. I have seen this consistently over three years.

I am fully confident that Arjun has the skills, experience, and mindset to succeed in a demanding MS program and contribute meaningfully to research. He is driven by real curiosity and not just the desire to get a degree. I recommend him without any reservation and encourage your committee to give his application the attention it deserves. Please feel free to contact me for any further information.

Sincerely,

Dr Suresh Babu Kotha

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