



JG UNIVERSITY

EXCELLENCE BY CHOICE

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Dear Microsoft Research Selection Committee,

I am writing to recommend Dhrumi Vyas for the position at Microsoft Research. As the Head of Department at the School of Engineering, JG University, I have had the privilege of teaching Dhrumi since 2024 across multiple courses, including C++, Python, Machine Learning, and Mathematics. Based on my extensive interactions with her, both in the classroom and through extracurricular activities, I can confidently state that Dhrumi is one of the most exceptional students I have encountered in my academic career.

Academic Excellence and Technical Proficiency

Dhrumi has consistently demonstrated outstanding academic performance, maintaining a CGPA of over 8.0, making her the top-ranked student among all B.Tech students in her batch. What sets Dhrumi apart is not just her grades, but her deep understanding of complex technical concepts and her ability to apply them effectively. She has shown remarkable fluency across multiple programming languages and technologies, including C++, Python, and Machine Learning frameworks.

Her advanced learning ability is particularly noteworthy. Dhrumi doesn't merely complete assignments, but she approaches each task with intellectual curiosity and a drive to master the underlying principles. This self-directed learning capability has enabled her to excel in diverse technical domains and quickly adapt to new technologies and methodologies.

Research Aptitude and Project Experience

Dhrumi has already accumulated impressive practical experience through various projects and internships. Her project work demonstrates strong research orientation, analytical thinking, and the ability to translate theoretical knowledge into practical solutions. She has completed multiple internships where she applied her technical skills to real-world problems, showing maturity and professionalism beyond her years.

Leadership and Collaborative Excellence

Beyond her technical capabilities, Dhrumi possesses exceptional leadership qualities. She currently leads the technology club at our university, where she has fostered a culture of innovation and collaborative learning among her peers. Her leadership was prominently displayed during the Smart India Hackathon (SIH) internal competition, where she led her team to victory. Throughout the hackathon, she demonstrated excellent team coordination, strategic thinking, and the ability to work under pressure while maintaining team morale.

Dhrumi approaches every responsibility with full confidence and commitment. She is curious by nature, always asking insightful questions that push discussions deeper, and she consistently takes initiative in both academic and extracurricular settings. Her ability to balance multiple responsibilities—academic excellence, leadership roles, and technical projects—speaks to her exceptional time management and dedication.

Personal Qualities

What makes Dhrumi an ideal candidate for Microsoft Research is her combination of technical excellence and personal qualities. She is:

- **Intellectually curious:** Always seeking to understand the "why" behind concepts
- **Self-motivated:** Proactively pursues learning opportunities beyond the curriculum
- **Collaborative:** Works effectively in teams while also being capable of independent research
- **Resilient:** Tackles challenging problems with persistence and creativity
- **Ethical:** Maintains high standards of academic integrity and professionalism

Conclusion

In summary, Dhrumi Vyas represents the kind of exceptional talent that thrives in research-oriented environments. Her academic achievements, technical skills, leadership experience, and personal qualities make her an outstanding candidate for Microsoft Research. I do not doubt that she will make significant contributions to any team she joins and will excel in a research environment that values innovation, curiosity, and technical excellence.

I give Dhrumi my highest recommendation without reservation. Should you require any additional information, please feel free to contact me.

Sincerely,

Mr. Mohd Afsar

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