



SYMBIOSIS UNIVERSITY OF APPLIED SCIENCES

A Symbiosis Skill University

I am writing to recommend Abhishek Joshi for a Masters in Robotics program at your esteemed university. As the Head of the School of Mechatronics at Symbiosis University, Indore, I have closely observed Abhishek's academic and research capabilities, particularly during his remarkable project on the "Automatic Projectile Launching Robot."

Abhishek has excelled in his Bachelor of Technology in Mechatronics, achieving an impressive CGPA of 8.9543. His academic journey is marked by a deep engagement with a wide range of subjects, from Applied Mathematics and Fluid Mechanics to Control Engineering and Internet of Things. This broad knowledge base has been critical in his practical applications, especially in his role as Senior Project Technical Assistant at e-Yantra, IIT Bombay, where he contributed significantly to robotics and control systems.

His exceptional project on the "Automatic Projectile Launching Robot" showcased his ability to integrate complex concepts with practical implementation. Abhishek's project involved intricate computer vision techniques and mechanical design, demonstrating his strong experimental abilities and creativity in solving real-world problems.

Moreover, Abhishek's tenure at Volvo Eicher Commercial Vehicles Ltd. as an R&D Intern reflects his industry-relevant experience, particularly in areas such as Digital Twin, Data Analytics, and EV technologies. His active participation in various projects, including the development of a Self-balancing Delivery Bike and a Rover inspired by NASA's Perseverance Rover, further underscores his passion for innovation and his commitment to pushing the boundaries of mechatronics and robotics.

Abhishek's technical skills are complemented by his leadership qualities and teamwork abilities, as evidenced by his achievements in national-level robotics competitions and his role as a team leader in various inter-college events. His skill set includes proficiency in programming languages like Python, C/C++, and Lua, along with expertise in Robot Operating System (ROS2), Computer Vision, and Machine Learning, among others.

In summary, Abhishek Joshi is a dedicated, innovative, and highly skilled individual who I believe will be an asset to your graduate program. His academic excellence, practical experience, and passion for robotics make him a prime candidate for advanced studies and research at your university.

Please feel free to contact me for any further information regarding Abhishek's abilities and achievements.

Sincerely,

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