**CONFIDENTIAL LETTER OF RECOMMENDATION**

It gives me immense pleasure to write a recommendation for a dynamic and bright student like Rishabh Tripathi. I have had the privilege to assess his work closely in my capacity as the Senior Engineering Manager at Software AG and an external guide for his undergraduate final-year project. My association with him compels me to write an unbiased report of his technical mastery and his refined interpersonal skills, which I observed through our correspondences that spanned over 6 months. Throughout our collaboration, I have consistently been amazed by his outstanding skills, commitment, and capability to thrive in demanding situations.

Rishabh was an integral part of a project group of three students tasked with developing a "Generative Pretrained Transformer Powered Customer Support Bot". This AI assistant is designed to aid users in resolving issues, answering questions, and guiding various domains, including customer support, technical troubleshooting, and information retrieval. By harnessing artificial intelligence, Rishabh and his team ensured that the bot understands and responds to user queries to enhance efficiency and user satisfaction. Further, they empowered the chatbot to incorporate Large Language Models to generate human-like responses, utilizing stored data to provide relevant information to users.

Rishabh's involvement in this project allowed him to delve into a field he is passionate about - Artificial Intelligence. It also offered him an opportunity to work on cutting-edge advancements using advanced tools like Python and MongoDB. During his internship project, he assumed the role of an AI intern and served as the project's backend developer. His responsibilities involved working with the Large Language Model and leveraging the database to comprehend and generate appropriate responses to user queries.

Throughout the project, Rishabh exhibited excellent mathematical acumen and analytical skills. His leadership qualities, effective teamwork, and keen interest were apparent in the project tasks he undertook. Rishabh's proactive approach and intelligent project design were evident as he diligently worked to achieve project goals. He demonstrated his ability to work independently and as part of a team, ensuring every member stayed on schedule. Rishabh's leadership abilities were visible as he motivated team members to achieve desired results organizationally and efficiently.

Thus, based on his consistent fruitful inputs and his extremely well honed interpersonal skills, I most strongly recommend Mr. Rishabh Tripathi for graduate studies at your university. He will surpass your expectations and be your institution's pride.

I wish him the best for his future.

Rahul Mhatre

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