

PRANAV VENKATESH

✉ 19644pranavvenkatesh@gmail.com [in linkedin.com/in/pranav-venkatesh-bbbb97225](https://www.linkedin.com/in/pranav-venkatesh-bbbb97225)
☎ 8880093410 📍 Bengaluru

September 17, 2024

Hiring Manager
Microsoft
India

Dear Hiring Manager,

I am writing to express my interest in the Data Science internship opportunities at Microsoft. As a third-year B.Tech student in Mathematics and Computing at MS Ramaiah University of Applied Sciences, I have been developing a strong foundation in data science and machine learning concepts, with hands-on experience through multiple projects and internships and would love to continue to do so.

In my role as a Cloud Support Engineer at Tenerci, I analyzed and rectified over 20 software bugs, which led to a significant reduction in data processing errors. I also integrated AWS SES for automated email management, improving communication efficiency by 40%. My internship at Sugamya Hospitality involved developing an AI-driven image processing system that enhanced identity verification accuracy, reducing error rates by 20%. Additionally, I have successfully completed projects like autonomous drone navigation using computer vision and a SARIMA-based price prediction model for black pepper, which boosted forecast accuracy by 15%.

At Microsoft, I hope to apply my knowledge of machine learning algorithms, Python, and cloud services to real-world problems, while also deepening my understanding of data-driven decision-making. I am confident that my passion for data science, along with my technical skills in TensorFlow, OpenCV, and time-series forecasting, will allow me to make a meaningful contribution to your team.

I am excited about the opportunity to work at Microsoft, where innovation in data science is at the forefront of transforming industries. I would love the chance to contribute to your mission and gain valuable industry experience in this field. Thank you for considering my application.

Sincerely,
Pranav Venkatesh
Applicant