

# PRANAV VENKATESH

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Hiring Manager  
Mastercard  
India

Dear Hiring Manager,

I am writing to express my enthusiasm for the Data Scientist Internship position at Mastercard. As a third-year B.Tech student in Mathematics and Computing at MS Ramaiah University of Applied Sciences, I have developed a strong foundation in data science, machine learning, and analytics through academic coursework, internships, and personal projects.

During my internship at Tenerci, I analyzed and fixed over 20 software bugs, which reduced data processing errors significantly. I also implemented AWS SES for automated communication systems, improving efficiency by 40%. In another project at Sugamya Hospitality, I developed an AI-driven image processing system that enhanced identity verification accuracy, reducing error rates by 20%. My project experience includes autonomous drone navigation using YOLO for real-time decision-making and a SARIMA-based model for black pepper price prediction, improving forecast accuracy by 15%.

At Mastercard, I am eager to apply my technical skills in Python, machine learning, and data analytics to solve real-world challenges, while gaining deeper insights into the financial sector's application of data science. I am confident that my hands-on experience with tools like TensorFlow, OpenCV, and time-series analysis will enable me to make valuable contributions to your team's mission of driving data-driven decisions and innovation.

I am excited about the opportunity to be part of a global leader like Mastercard, where data science plays a pivotal role in shaping financial services. Thank you for considering my application. I look forward to the possibility of contributing to your team and further developing my skills as a Data Scientist.

Sincerely,  
Pranav Venkatesh  
Applicant