Anjali

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Dear Recruiter,

I am writing to express my interest in roles related to Data Science and Machine Learning. I recently completed my Master's in Physics from IIT Hyderabad, where I cultivated a strong foundation in mathematical modeling, statistics, and data-driven problem solving. My academic journey, along with my experience in real-world projects, has equipped me with practical expertise in Python, SQL, and machine learning frameworks such as Scikit-learn, PyTorch, and TensorFlow.

Currently, I work as a Data Scientist and Professor at Geeks of Gurukul, where I've mentored 200+ students and delivered over 150 sessions on Machine Learning and Data Science. I have led hands-on projects including Fraud Detection, Movie Recommendation Systems, and Student Performance Prediction, applying real datasets and industry standard pipelines. Previously, as a Data Science Intern at Stembridge Labs, I developed an XGBoost model that improved the accuracy of sales forecasting by 85%, and created actionable dashboards using Python and PowerBI.

My recent projects include a document-aware GenAI PDF Chatbot built with LangChain and Ollama, a high-accuracy financial fraud detection system using XGBoost + SMOTE (AUPRC: 0.99), and a particle classification model leveraging Belle II detector data with advanced ML pipelines. These projects reflect my ability to build scalable, efficient models and work across the ML lifecycle from EDA to deployment.

With a strong grasp of DS/ML fundamentals, practical experience in LLM-based solutions, and a track record of delivering impact through data, I am excited to contribute to an organization working on innovative AI solutions. I would welcome the opportunity to further discuss how I can support your team's goals. Thank you for considering my application.

Sincerely,
Anjali