Abhiram Sreekumar

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Greetings,

As a passionate Data Scientist with a strong foundation in Machine Learning and Deep Learning, I am excited to apply for a position in your innovative team. With hands-on experience in predictive modeling, natural language processing, and full-stack AI tool development, I bring both technical proficiency and a problem-solving mindset.

One of my standout projects, the Cold Email Generator, demonstrates my ability to develop end-to-end AI-powered solutions. This Streamlit-based application leverages LLMs and LangChain to generate customized outreach emails from job postings, dynamically integrating project data from a portfolio database. It showcases my capability in deploying deep learning models in real-world, user-centric applications.

Other highlights include:

Heart Disease Prediction: Built and evaluated machine learning classifiers with ROC/Recall metrics.

Digit Recognition using CNN: Achieved high accuracy using PyTorch and the MNIST dataset.

Spam Detection with NLP: Applied TF-IDF and vectorization to classify email content.

Pneumonia Detection: Designed CNN models for X-ray image classification.

These projects underscore my drive to apply data science for actionable insights and human-centric solutions. I am excited about contributing to your team with the same energy and rigor.

Thank you for your consideration. I look forward to the opportunity to contribute to the mission.

Sincerely,

Abhiram Sreekumar