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Hiring Manager

NeuralFlex

Lahore, Pakistan

Dear Hiring Manager,

I am excited to apply for the Machine Learning Engineer position at NeuralFlex. With over two years of hands-on experience in machine learning and deep learning, particularly in computer vision and real-time systems, I am confident in my ability to contribute to NeuralFlex's mission of advancing surveillance technology through AI.

In my current role as an AI Research Assistant and Team Lead at AIM Lab, FAST NUCES, I led the development of a multimodal deepfake detection system using PyTorch, boosting detection accuracy to 94% while reducing error rates. Previously, at GLOBAL LINK, I developed an AI-powered personnel monitoring system using YOLOv5 for facial recognition, pose estimation, and mobile phone detection—solutions closely aligned with NeuralFlex's real-time object detection needs.

I bring strong technical experience in Python, PyTorch, TensorFlow, OpenCV, and Scikit-Learn, along with a deep understanding of model optimization, data preprocessing, and deployment. My background includes working with large-scale datasets, semantic segmentation, and building robust pipelines for real-time applications.

The opportunity to innovate at NeuralFlex—where AI and security intersect—is compelling. I am enthusiastic about joining a hybrid team that values forward-thinking engineering and impactful, real-world applications of machine learning.

Thank you for considering my application. I would be honored to further discuss how my skills and experience can benefit NeuralFlex.

Warm regards,

Awais Tariq