ATEEB AHMED KHAN

Machine Learning Engineer

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Summary

Machine Learning Engineer specializing in computer vision and applied data analytics, proficient in designing, developing, and deploying scalable ML models using Python, TensorFlow, and PyTorch. Proven ability to transform complex data into high-quality, production-ready solutions that drive business value. Skilled in end-to-end ML pipelines with a focus on model reliability and deployment efficiency.

Experience

DSIAR Tech
Mentor (Part-Time)

Remote
07/2025 - Present

- Designed and delivered a complete AI/ML fundamentals course, producing 60+ educational videos and structured learning modules for student rollout.
- Translated core AI/ML concepts into practical, project-driven instruction through interactive bootcamps and teaching materials.

Labmentix
AI/ML Intern

Remote
07/2025 - 12/2025

- Developed end-to-end machine learning projects, handling data preprocessing, model training, evaluation, and deployment.
- Built deployable ML applications using TensorFlow and Streamlit, focusing on reproducible pipelines and functional inference.

upGrad
Senior Executive Marketing and Tech

Mumbai
09/2023 - 12/2023

- Cleaned, standardized, and structured CRM datasets in MS Excel to support automated marketing campaigns across Mailmodo and Yellow.ai platforms.

Feynn Labs
Machine Learning Intern

Remote
09/2022 - 11/2022

- Developed ML-driven models for EV market analysis, applying segmentation and trend analysis techniques to support AI product prototypes.
- Worked on applied machine learning projects during the internship, gaining experience in data preprocessing, model training, and evaluation.

Education

IU International University of Applied Sciences (Berlin)
Master of Science | Computer Science

Distance Learning
07/2023 - Present

MIT World Peace University
Bachelor of Technology (B.Tech) | Robotics and Automation │ GPA: **8.99** / 10

Pune
2018 - 2022

Projects

Face Mask Detection Web App
https://face-mask-detection-system.streamlit.app/

- Built a real-time Face Mask Detection web app using DenseNet201 and TensorFlow Lite, achieving 98.99% accuracy on a 992-image dataset, deployed via Streamlit with MediaPipe based face detection.

Brain Tumor Detection using YOLO11
https://brain-tumor-det.streamlit.app/

- Developed a YOLO11-based MRI tumor detection system achieving 95.1% mAP@0.5 and 92.7% precision, with sensitivity-focused tuning to minimize false negatives.

Skills

Python · SQL · JavaScript · Machine Learning · Deep Learning · Computer Vision · NLP · Model Evaluation · Image Classification · Medical Image Analysis · Object Detection · TensorFlow · PyTorch · Scikit-learn · YOLO · OpenCV · MediaPipe · Data Analysis · Pandas · NumPy · Feature Engineering · Keras · EDA · Streamlit · Flask · Docker · Git · GitHub

Find me online

LinkedIn
http://www.linkedin.com/in/ateebk/

GitHub
https://github.com/ateebkhan96

Portfolio Website
https://ateebkhan96.github.io/Portfolio

Certifications

Machine Learning Specialization — Coursera (Stanford Online)

Google Data Analytics — Coursera (Google)

Deep Learning and OpenCV for Computer Vision — Udemy