

Muhammad Moeed Asif

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PROFESSIONAL SUMMARY

AI Engineer with experience in developing machine learning models and AI solutions. Proficient in Python, TensorFlow, PyTorch, and generative AI technologies including LLMs and computer vision. Proven track record in building scalable AI systems, voice assistants, and automated solutions. Experienced with cloud platforms (AWS, Azure) and MLOps practices.

EDUCATION

FAST National University of Computer and Emerging Sciences	Islamabad, Pakistan
<i>Bachelor of Science in Computer Science – Specialization in Artificial Intelligence</i>	<i>Sep 2021 – June 2025</i>

WORK EXPERIENCE

MTBC CareCloud	Bagh AJK, Pakistan
<i>Jr. AI Engineer</i>	<i>June 2025 – Present</i>
<ul style="list-style-type: none">– Conducted Research and Development on Agentic and Generative AI solutions, improving healthcare products efficiency by 80 percent.– Collaborated with cross-functional teams to ensure smooth AI operations from development to deployment.– Developed OCR and RAG based assistants and autonomous agents for clinical support services.	
MTBC CareCloud	Islamabad, Pakistan
<i>AI Engineer Intern</i>	<i>Mar 2025 – Jun 2025</i>
<ul style="list-style-type: none">– Collaborated with industry professionals on AI solutions for healthcare.– Built an AI assistant using FastAPI/Gemini model to streamline medical record management for both doctors and patients.	

PROJECTS

Automated Call Center <i>Python, OpenAI, FastAPI, Git</i>	June 2025 – Present
<ul style="list-style-type: none">– Integrated AI call center with Avaya communication platform, enabling real-time voice interactions, streamlining client support operations and reducing human agent workload.	
AI Document Assistant <i>Python, Gemini, Docker, FastAPI, Git</i>	Mar 2025 – June 2025
<ul style="list-style-type: none">– Developed a RAG based AI assistant for TalkEHR's Document Management System.– Enabled document summarization and intelligent question answering.	
PureAir AI <i>Python, LSTM Model, PyTorch, AWS</i>	Apr 2025 – May 2025
<ul style="list-style-type: none">– Developed and deployed a full-fledged real-time weather and air quality monitoring application on the AWS ecosystem, leveraging cloud services for scalable and reliable performance	

SKILLS

Languages: Python, C/C++, SQL (MySQL, PostgreSQL)
AI/ML Frameworks: TensorFlow, PyTorch, Keras, Scikit-learn, Flask, FastAPI
Cloud and DevOps: Git, GitHub, DVC, Docker, AWS
Data Science: NumPy, Pandas, OpenCV, Matplotlib, MLflow
Specialization: NLP, Generative AI, Agentic AI, LLMs

ACHIEVEMENTS / CERTIFICATIONS

- Lab Demonstrator – Data Structures and Algorithms
- Generative AI with LLMs – Coursera/DeepLearning.AI (2024)
- Certified AWS Academy Cloud Foundations
- Usher – Job Fair 2024