ADIL MAQSOOD

Python Developer | AI & Data Science Practitioner

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PROFESSIONAL SUMMARY

Motivated and detail-oriented data science and artificial intelligence enthusiast with expertise in NLP, seeking a job opportunity to apply and expand my skills in machine learning, data science, and generative-AI (NLP). With hands-on experience in data analysis, model building, chatbot development, and certifications in advanced technologies, I aim to contribute to innovative projects and gain industry exposure.

EDUCATION

ILMA University
Bachelor's Degree in Computer Science
2021 – 2025

Pine Hills Public school & college Abbottabad
intermediate in Computer science
2017 - 2019

SKILLS

- **Programming & Frameworks:** Python, Django, FastAPI, TensorFlow, LangChain
- **Web Development:** HTML, CSS, Tailwind CSS, Streamlit
- **Data Science & AI:** Machine Learning, Deep Learning, NLP, Statistical Analysis
- Git & Github
- Docker
- AWS (boto3)

CERTIFICATIONS

- Data science and Artificial intelligence, SMIT (Saylani mass IT training) - 1 Year.
- Google Certified Data Analytics
- LangChain & Vector Databases Production (Activeloop)
- Train & Fine-Tune LLMs for Production (Activeloop)
- Generative-AI Developer (PakAngels)
- Machine Learning with Python (freeCodeCamp)
- Deploy ML Model in Production with FastAPI and Docker, AWS (Udemy)
- Docker for Beginners-hands on- DevOps (Udemy)

EXPERIENCE

Python Developer (intern)
Visionerz Pvt Ltd | Karachi, Pakistan | Nov-2024 - present
- Developed and maintained dynamic, scalable web applications using Django, adhering to MVC architecture principles.
- Built responsive and user-friendly web interfaces using HTML, CSS, and Tailwind-CSS, ensuring cross-browser compatibility.
- Enhanced application performance through optimized database queries and efficient code refactoring.

PROJECTS

Face-Recognition Attendance System:(data science and AI Hackathon):
- Developed an automated system to record attendance using real-time face recognition, reducing administrative tasks.
- Integrated a real-time matching algorithm for accurate attendance. and storing it in database and attendance list show on webpage.

Virtual Healthcare Assistant:
- Built an AI-powered virtual healthcare assistant using the Groq API and the "llama-3.1-70b-versatile" model to provide real-time medical advice based on user queries and explanation of medical reports or Tests.

Telehealth Transcription Service:
- Created a real-time transcription tool for doctor-patient consultations using OpenAI's Whisper and Streamlit. Designed to improve healthcare documentation with an easy workflow and real-time note-taking.

Resume Matcher (Gen-AI Hackathon):
- Developed an AI-powered tool to personalize CVs based on job descriptions, enhancing ATS compatibility and reducing manual customization efforts.

Retrieval-Augmented Generation (RAG) Chatbot:
- Built a prototype chatbot to help ILMA University students retrieve relevant information. by implementing tokenizing and embedding data from university URLs using BeautifulSoup and LangChain.
- Developed a Streamlit UI for a smooth user experience with real-time, accurate responses.