Hammad Hanif

Data Scientist | AI Engineer | Python Developer | ML/DL Specialist

✉ Email | ⌾ GitHub | in LinkedIn | 💼 Portfolio | 📞 Phone

Summary

Proactive **AI Engineer & Python Developer** with 2+ years of hands-on expertise in **ML, DL, NLP, Computer Vision, and Azure AI**. Skilled in crafting scalable AI-driven systems, completing extensive mentorship in AI & Data Science, and delivering impactful end-to-end solutions.

Education & Certifications

Bachelor's in Software Engineering
University of Sahiwal — Oct 2020 – June 2024 — CGPA: 3.18

F.Sc (Pre-Engineering)
Punjab Group of Colleges — 919/1100

Matric (Science)
Govt. Rai Niaz High School — 940/1100

AI & Data Science Specialization — Codanics
Azure AI-900 Certified — Microsoft

Technical Skills

- **Languages/Tools:** Python, Git, Jupyter, VSCode, Flask, Streamlit, HTML
- **Data:** Pandas, NumPy, SQL
- **Visualization:** Matplotlib, Seaborn, Plotly
- **ML/DL:** Sklearn, TensorFlow, Keras, CNN, RNN, LSTM
- **Computer Vision:** OpenCV, Transfer Learning, Object Detection
- **NLP:** HuggingFace, LangChain, Transformers
- **Deployment:** Azure AI, Flask, Streamlit, REST APIs

Experience

Rehman Software House, Chichawatni — Feb 2021 – Apr 2023

- Built, optimized, and deployed ML/DL models for predictive analytics.
- Developed data visualizations & supported AI solution deployment.

Projects

- **Stock Market Dashboard:** Real-time stock analysis (Streamlit, Yahoo API)
- **Word Cloud Generator:** Custom text cloud tool (Streamlit)
- **Text-to-Speech App:** Text-to-audio converter (gTTS)
- **Speech-to-Text App:** Audio transcription app (SpeechRecognition)
- **Heart Disease Prediction:** ML model predicting disease risk
- **Learning Management System (LMS):** Full-stack LMS (HTML, CSS, JS, PHP, Ajax, jQuery)

Achievements

- Delivered **production-ready AI solutions** across multiple domains.
- Developed a **Full-Stack LMS** as FYP.
- Completed **EDA Internship** at CodexCue Solutions.
- Passed **Microsoft Azure AI-900** Certification.
- Contributed to **Open-Source GitHub Projects**.

Languages

- **English:** Professional
- **Urdu:** Native