

MUHAMMAD TALHA NASIR

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 [LinkedIn](#) |  [GitHub](#)




SUMMARY

AI-focused engineer with hands-on experience in NLP, LLM orchestration, and deep learning. Skilled at building practical solutions using LangChain, Hugging Face, and modern ML pipelines. Strong communicator who values simple and effective automation with real-world business impact.

SKILLS

- ✓ **Languages:** Python, NumPy, PyTorch
 - ✓ **AI/ML:** LangChain, Hugging Face, LLMs, Transformers
 - ✓ **Tools:** FAISS, Streamlit, AssemblyAI, Tavily API
 - ✓ **Techniques:** Cosine Similarity, RAG, PDF Parsing, Vector Search
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PROJECTS

- ✓ **Job Application Assistant**
Built AI tool to parse CVs, find jobs via Tavily, and generate tailored cover letters using LLMs.
Used LangChain, Streamlit, and cosine similarity.
 [GitHub](#)
 - ✓ **Call Center KPI Evaluation**
Designed multi-agent system to transcribe, score, and evaluate support calls using AssemblyAI + LLaMA3/Mistral.
Delivered structured JSON scoring for compliance and resolution.
 [GitHub](#)
 - ✓ **Air Quality Forecasting**
Forecasted PM2.5 using GRU/LSTM models (NumPy, PyTorch).
Compared model performance using RMSE/MAE on real-world datasets.
 [GitHub](#)
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EDUCATION

MS AI (In Progress) – LUMS

BS Software Engineering – University of Lahore