

Ali Ahmad Khan

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Summary

I am Ali, a dedicated Computer Science student working Generative AI. My enthusiasm for Gen Ai has driven me to undertake several innovative projects, **creating a financial agent, a mechanical workshop assistant chatbot, designing a deep learning model for chicken disease classification** and many more. Through these projects, I have refined my skills in deep learning, data analysis, and AI-driven problem-solving, positioning myself as a proactive and innovative individual eager to contribute to cutting-edge advancements in Generative AI.

WORK EXPERIENCE

Lalpir Thermal Power Plant - *[Mahmood Kot, Muzaffargarh]*
[Intern]

[July 2024-August 2024]

- Learnt about Servers and Firewalls
- How the internet service is being provided over the Power Plant and the housing community
- Troubleshooting the problems with the data supply or the internet issue on the Plant Site.

Speridian Technologies - *[Multan]*
[Intern]

[August 2024-September 2024]

- Learnt Software Project Development
- Got hands on experience in the Sql Server 2022 and the SQL language
- Learnt and worked on C# using the .NET Framework

EDUCATION

Bahauddin Zakariya University, Multan

Bs Computer Science – [5 semesters completed] [Current CGPA: 3.31]

PROFESSIONAL SKILLS

- **Languages & Tools:** Python, C++, SQL, Git, GitHub, Jupyter, Google Colab, VS Code, Anaconda
- **Libraries & Frameworks:** PyTorch, TensorFlow, Hugging Face Transformers, Scikit-learn, NLTK, Spacy, Pandas, NumPy, Matplotlib, Seaborn, Plotly
- **GenAI & NLP:** Transformers, LLM Fine-Tuning, LangChain, Retrieval-Augmented Generation (RAG), Embeddings, Prompt Engineering, Tokenization, Model Evaluation (BLEU, ROUGE,PPL Score, BART Score & BERT Score,MAE,RMSE)
- **Deployment & MLOps:** Streamlit, Flask, Phidata,AWS
- **Databases:** SQL Server, FAISS, Qdrant
- **Time Series & Forecasting:** ARIMA, GRID Search, Prophet, RNNs, LSTMs for Time Series
- **Data Engineering (Basics):** ETL, Data Cleaning, Feature Engineering

Certifications

- Supervised Machine learning : Regression and Classification (Deeplearning.io, Stanford University)
- Computer Proficiency (level-II) course on Artificial Intelligence from NUST
- AKTI Generative Artificial Intelligence