AYAN QURESHI

Python Developer | NLP, Machine Learning & Data Science

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PROFESSIONAL SUMMARY

Python developer with a strong background in Natural Language Processing, Machine Learning, and scalable API development. Adept at using transformers, handling large datasets, and deploying AI-driven services.

TECHNICAL SKILLS

- Languages: Python, SQL, Bash

- Libraries: Transformers, Scikit-learn, Pandas, NumPy, TensorFlow, PyTorch

- Tools: FastAPI, Git, Docker, Jupyter, Postman, VS Code

- Cloud/DB: Google Colab, MySQL, Firebase, AWS (Basics)

PROJECTS

Resume Matcher using Transformers

- Built a semantic resume matching system using Sentence-BERT and FAISS vector store.

- Implemented query handling via FastAPI; handled both PDF and plain text inputs.

- GitHub: github.com/ayanqureshi/resume-matcher

Chat with PDF using LangChain

- Used LangChain + Groq API + FAISS to allow semantic querying over PDFs.

- Embedded PDF content using HuggingFace Transformers and answered questions via LLM.

- GitHub: github.com/ayanqureshi/langchain-playground

EDUCATION

BS in Computer Science

National University of Computer and Emerging Sciences (FAST), Karachi

Expected Graduation: June 2026

ADDITIONAL HIGHLIGHTS

- Experience with Hugging Face Transformers and open-source NLP models

- Proficient in building RESTful APIs with FastAPI

- Familiar with prompt engineering and RAG pipelines

- Regularly contribute to GitHub with AI + backend projects