Mahesh Vyas

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GitHub: maheshh-v   **LinkedIn:** Mahesh-Vyas

OBJECTIVE

Final-year B.Tech CS (AI) student focused on building intelligent systems with LLMs, LangChain, and vector search. Built a working Smart Resume Q&A Bot using Hugging Face and FAISS. Passionate about autonomous AI agents, NLP, and scalable RAG pipelines. Seeking an LLM/AI-focused internship to build innovative AI-first tools.

SKILLS

- ❖ **Languages:** Python, SQL, JavaScript

- ❖ **LLM & NLP:** Hugging Face, LangChain, FAISS, Prompt Engineering, Semantic Search

- ❖ **ML & DL:** Scikit-learn, TensorFlow (learning), Keras (learning), XGBoost

- ❖ **Libraries:** Pandas, NumPy, Matplotlib, Seaborn

- ❖ **Tools:** Git, GitHub, Jupyter Notebook, VS Code, Streamlit

- ❖ **Web:** Flask, FastAPI (basic), REST APIs

- ❖ **MLOps**: Docker (learning), Weights & Biases (basic)

EDUCATION

- ❖ Btech in Computer Science (AI) | Geetanjali university of Technical Studies
  CGPA: 7.4 | 2022 - 2026
- ❖ XII (RBSE) | Guru Nanak Senior Secondary School
  2022
- ❖ X (RBSE) | Guru Nanak Senior Secondary School
  2020

PROJECTS

- ❖ **Smart Resume Q&A Chatbot – LangChain, FAISS, Hugging Face**   Github
  Built a chatbot that answers resume-based questions using semantic search and RAG pipeline.
  • Tech: LangChain, FAISS, PyMuPDF, Hugging Face Transformers
- ❖ **SMS Spam Classifier – NLP, Streamlit**   Github
  Developed a text classification app to identify spam messages.Cleaned and vectorized text data, trained Logistic Regression model.
  • Tech: Pandas, CountVectorizer, Scikit-learn, Streamlit
- ❖ **House Price Predictor – Regression Model + Streamlit**   Github
  Deployed an ML model to predict house prices with log transformation and feature selection.
  • Tech: Python, Scikit-learn, Streamlit
- ❖ **Portfolio**: maheshh-v.github.io/

CERTIFICATIONS

- ❖ NPTEL: Python for Data Science, Cloud Computing, The Joy of Computing with Python
- ❖ Udemy: The Web Development Bootcamp
- ❖ PW Skills: Data Science with Generative AI (Ongoing)