

Mahesh Vyas

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 GitHub: [maheshh-v](https://github.com/maheshh-v)

 Portfolio: github.io/Portfolio/

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OBJECTIVE

Self-driven and highly motivated CS (AI) student with strong foundations in machine learning, LLMs, and practical experience deploying AI applications using TensorFlow, LangChain, and Streamlit. Actively seeking a full-time on-site internship to apply skills in GenAI, vision models, and cloud-based AI systems in a real-world, product-focused environment.

SKILLS

- ❖ **Languages:** Python, JavaScript, SQL
- ❖ **ML Libraries:** Scikit-learn, XGBoost, Pandas, NumPy, Matplotlib, Seaborn
- ❖ **Deep Learning:** TensorFlow, Keras
- ❖ **Web Technologies:** Flask, Django, Streamlit, REST APIs
- ❖ **Tools & IDEs:** Git, GitHub, VS Code, Jupyter Notebook
- ❖ **MLOps (Basic):** Weights & Biases, Docker (learning)

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 questions based on resume content using vector search + LLMs.
 - Tech: LangChain, FAISS, PyMuPDF, Hugging Face
 - Explored semantic search and RAG pipeline
- ❖ **MoodSense AI – Emotion Detection from Text + Music Recommendation** [Github](#)
Built an NLP-based app that detects emotions from user text input and suggests mood-aligned songs. Trained and compared LSTM-based models using GloVe embeddings, addressed class imbalance, and deployed via Streamlit.
 - Tech: TensorFlow-Keras, GloVe, Pandas, Scikit-learn, Streamlit
 - *Currently extending to BERT and Spotify API for smarter, real-time music recommendations.*
- ❖ **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

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)