Jaya Patil

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Education

VIT Bhopal University   Bhopal, Madhya Pradesh
BTech, Major in Computer Science   Aug 2022 – *ongoing*
Cumulative GPA: 8.55/10   Expected Graduation Date: May, 2026

Experience

Front End Developer Intern at ZLUCK SOLUTIONS
- Developed responsive web interfaces using HTML, CSS, and JavaScript for client projects.
- Collaborated with design team to implement UI/UX mockups and optimize user experience.

Skills

Languages: Python, C++, HTML, CSS
Frameworks & Libraries: LangChain, Streamlit, FAISS, scikit-learn, Plotly Databases:
SQL Concepts: OOPS, DBMS, Operating System, DSA
ML & AI: Hugging Face models, SentenceTransformers, Ollama LLMs, Conversational Retrieval Chains
Soft Skills :- Communication, Problem-Solving, Teamwork, Adaptability, Critical Thinking, Time Management

Projects

Breast Cancer Prediction (Machine Learning)

- Technologies: Streamlit, scikit-learn, Plotly, pandas, NumPy, Pickle

- Developed a logistic regression model with 98% accuracy to classify breast tumors as benign or malignant. Integrated a user-friendly Streamlit UI with radar chart visualization. The app aids in clinical diagnosis by analyzing nuclei features from cytology labs.

- GitHub:Github

Multi-PDF Chatbot using LangChain & Ollama (AI)
- Technologies: Streamlit, LangChain, FAISS, SentenceTransformers, Ollama LLM, Hugging Face, pypdf

- Designed a chatbot that can answer queries from uploaded PDFs by leveraging LangChain with FAISS vector store. Used SentenceTransformer embeddings and Ollama's llama3:8b model to provide accurate, context-aware responses.

- GitHub: Github

Chatbot using LangChain & Ollama (AI)
- Technologies: Streamlit, LangChain, Ollama LLM (llama3.2:1b)
- Created a general-purpose chatbot using LangChain chaining and Ollama LLM. The project demonstrates how local language models can handle open-domain queries effectively.
- GitHub: Github

Extra-curricular

Dance Competitions Participant & Winner
- Achieved multiple wins in inter-school and regional dance competitions during school years.
- Demonstrated excellence in various dance forms with consistent performance at competitive level.
- A-certificates in NCC Camps.

Certification

IBM generative AI

Nptel Market Analytics

Nptel Cloud Computing