SNEHA GURJAR

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🔗 Portfolio

SUMMARY

AIML-focused Python Developer with hands-on experience in building AI-powered web applications,
LLM-based chatbots, and RAG systems using LangChain and OpenAI API.
Strong foundation in machine learning, NLP, and backend development using Flask.
Passionate about applying AI to real-world problems and continuously learning emerging technologies.

EDUCATION

Computer Science (Artificial Intelligence and Machine Learning),   2022 – 2026 | Bhopal ,India
Oriental Institute Of Science And Technology
Current CGPA : 7.70

SKILLS

Programming Languages:
- Python, C++, SQL

Data & ML Libraries:
- NumPy, Pandas, Scikit-learn
- Matplotlib, OpenCV

Databases & ORM:
- MySQL, PostgreSQL, SQLite
- SQLAlchemy ORM

Frontend fundamentals:
- HTML , CSS

Framework:
- Flask

AI / Machine Learning:
- Machine Learning, NLP
- LangChain, RAG (Retrieval-Augmented Generation)
- Hugging Face, OpenAI API
- Vector Databases (FAISS)
- Dialogflow

Tools & Platforms:
- Git, GitHub, VS Code

PROJECTS

PDF Question Answering System (RAG-Based AI Application),
Tech Stack: Python, NLP, LangChain, FAISS, Hugging Face / OpenAI, Flask
- Built an AI-powered PDF Question Answering system using Retrieval-Augmented Generation (RAG).
- Extracted and processed PDF text, generated vector embeddings, and performed semantic search using FAISS.
- Integrated LLMs to generate accurate, context-aware answers from retrieved document content.
- Developed a Flask-based interface for PDF upload and natural language querying.

Nakhrali – E-Commerce Web Application, Tech Stack: Python, Flask, SQLAlchemy, SQLite, HTML, CSS, Bootstrap 🔗
- Developed a full-stack e-commerce web application using Python (Flask) with secure authentication and session management.
- Designed relational database models for users, orders, addresses, and order items using SQLAlchemy ORM.
- Implemented core features including user registration, order creation, and order tracking.
- Integrated an admin dashboard using Flask-Admin for complete CRUD operations.
- Built a responsive UI using Bootstrap and followed scalable backend design practices.

Live Chat Application, Tech Stack: Python, Flask, Socket.IO, HTML, CSS, JavaScript 🔗
- Developed a real-time chat application using WebSockets (Socket.IO 🔗).
- Implemented user authentication, private and group messaging.
- Designed persistent message storage using SQLite.
- Gained hands-on experience with real-time backend systems and event-driven architecture.

CERTIFICATES

- **Oracle Cloud Infrastructure 2025 –** Certified Generative AI Professional
- **Generative AI Fundamentals –** Coursera
- **Python Programming –** Coursera

LEADERSHIP

- **Marketing Coordinator** – TEDxOriental (2024)
- **Event Coordinator** – Rivayat Fashion Show (2025)