

YASH BHAWAR

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SKILLS

- **Languages** : Python , SQL
- **Libraries** : Pandas, Numpy, Scikit-learn, Tensorflow, PyTorch
- **AI/ML** : Machine Learning, NLP, LLMs, RAG, Langchain, Ollama, Vector Embeddings
- **Frameworks and Tools** : Git, FastAPI, Flask, MySQL, Excel, Streamlit, AWS, HuggingFace

PROFESSIONAL SUMMARY

Computer Science graduate with hands-on experience in Data Analytics, Machine Learning, and Gen AI projects. Skilled in Python, SQL, Langchain, local LLMs, and data visualization, with experience building RAG based chatbots, AI-powered applications, and recommendation systems. Passionate about developing practical AI solutions and continuously learning modern technologies

PROJECTS

AI-Powered Museum Chatbot and Ticket Booking System

Machine Learning | LLM | RAG | MySQL | Ollama

- Engineered an end-to-end RAG ticket booking application using Python and LangChain, integrating a 8B parameter local LLM to handle complex user queries regarding museum artifacts and schedules. Designed a Streamlit web interface to replace terminal-based interactions, connected to a robust MySQL backend for secure and persistent booking workflows.

AI - SQL - Assistant

LangChain | MySQL | Ollama | NLP

- Designed and built an end-to-end NL-to-SQL assistant using LangChain, Ollama, and MySQL. Fully offline with zero API costs. Prevented accidental data loss by implementing a safety pipeline that classifies, blocks, and audits every query before execution.

Multi-Modal Document Intelligence Platform

Tensorflow | LLM | RAG | FastAPI | Ollama

- Built a multi-modal Document AI system using TensorFlow, Ollama, RAG, and LangChain for document understanding, image enhancement, and Q&A. Developed a FastAPI backend with MySQL and ChromaDB and an interactive Streamlit dashboard for PDF processing, summarization,, information extraction and Q&A with the Document via LLM

WORK EXPERIENCE

Data Analyst Intern

September 2025 – February 2026

Cravita Technologies Pvt Ltd | Pune

- Optimized complex SQL queries, reducing execution time by 20% and improving overall data retrieval efficiency, which boosted productivity and streamlined workflows.
- Enhanced data visualization and reporting capabilities by developing 15+ interactive dashboards using Power BI and Tableau
- Transformed and cleaned raw datasets comprising 1M+ records through automated Python pre-processing scripts; improved data accuracy by 25% and ensured high-integrity inputs for downstream ML models.

EDUCATION

Bachelor of Technology in Computer Science

December 2021 – August 2025

- Marathwada Institute of Technology, Chhatrapati Sambhajnagar

CERTIFICATION

Data Analytics with Power BI and ChatGPT Certification

January 2025

- By Aspire for Her and Infosys Foundation