Pari kataria

✉ katariapari54@gmail.com   📞 +92 335-2465089   📍 Daharki, Pakistan

in www.linkedin.com/in/pari-kataria-5b50bb202   🚩 Pakistani   ⚥ Female   ⊙ github.com/PariBai

🔗 View Portfolio

🪪 PROFILE

Inquisitive Computer Science graduate with experience in fine-tuning LLMs, building RAG pipelines, and deploying AI with **Docker.** Skilled in **LangChain**, **LangGraph, RAG** implementations, and developing agentic workflows, along with **data analysis, machine learning,** and cross-functional collaboration. Seeking to leverage my technical expertise and passion for AI as a developer at your organization.

💼 PROFESSIONAL EXPERIENCE

Finosys
AI Engineer
Designed and deployed an **agentic LLM-powered chatbot** for a smart invoicing system, enabling users to generate invoices from natural language prompts.
Developed backend services using **LangGraph**, **LangChain**, and **FastAPI**, ensuring scalable and reliable AI-driven operations.

Zidio Development
AI/ML Intern
During my three months internship, **gained hands-on experience** in **fine-tuning LLMs** and **building RAG pipelines** using **Hugging Face Transformers**. Developed a **RAG system**, explored **generative AI**, and gained practical knowledge of **Docker** for deployment.

Scale AI Remotask
Prompt Engineer
Refined and optimized project-specific prompts to guide LLMs in generating accurate, high-quality responses. Evaluated and compared model outputs, providing feedback on which responses best met technical and contextual requirements.

🎓 EDUCATION

B.SC Computer Science
Sukkur IBA University
CGPA 3.3

📁 PROJECTS

Intelligent Discord Bot using Langchain and OpenAI
Built a **Discord bot** with **Python, Langchain, and OpenAI** for context-aware interactions. Implemented **message handling**, **chat history**, and **response triggers**. Deployed for real-time, human-like conversations using **Discord API**.

RAG System with Llama 3.1
Built a **RAG system** using **Llama 3.1, Langchain, FAISS, and OLlama** for efficient information retrieval and response generation, optimizing embedding storage with **sentence Transformers**.

Full-Stack Expense Tracker
Engineered a secure expense tracker with **React frontend** and **Django REST Framework**, leveraging **JWT authentication** for multi-user access. Utilized **SQLite** for structured data storage, enabling users to log and categorize expenses in real-time.

E-commerce Product Classification (Python)
Built a multi-class classification model with **TensorFlow** to categorize e-commerce products into Electronics, Household, Books, and Clothing & Accessories. Applied various text vectorization techniques, including **one-gram multi-hot, two-gram multi-hot, two-gram tf-idf**, and used **LSTM** with **GloVe** and **FastText** embeddings. Evaluated performance using **accuracy, precision, recall, and F1-score** for each encoding strategy.

VisionVista   FYP (Python)
Developed an AI-powered assistive tool using **YOLOv8, Face_Recognition, and OpenAI API** for **object detection, face recognition, scene description, and familiar face identification**. Integrated **book scanning and text-to-speech reading** to enhance accessibility for visually impaired individuals.

🧠 SKILLS

LLMs, Langchain, RAG Pipelines, Hugging Face, Docker

HTML5, CSS3, JavaScript React Node.js RESTful APIs

MySQL , MongoDB

Flask Django

📇 CERTIFICATES

MongoDB CRUD Operations ↗ — Online-MongoDB University-Jan 2025

Intermediate SQL Queries Certificate — *Online course - Datacamp website Aug 2022*

Introduction to Html, CSS and Javascript — *Online Course- Coursera*