

Harish Mogili

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SUMMARY

Entry level with a foundational understanding of Generative AI, Large Language Models (LLMs), and prompt engineering. Proficient in Python and experienced in building small-scale Gen AI projects using tools like Open AI, Hugging Face Transformers, and Lang Chain. Eager to contribute to innovative AI solutions in real-world applications.

PROJECT

Multimodal-product-analyzer

github.com/harishmogili21/multimodal-product-analyzer

- Developed a **Streamlit-based AI application** to analyze ingredients in food and personal care products.
- Delivered detailed **AI-powered ingredient reports**, assessing health and safety implications.

Arxiv Agent - AI-Powered Paper Assistant

github.com/harishmogili21/Arxiv-Agent--AI-Paper-Assistant/tree/master

- Developed a hybrid **Retrieval-Augmented Generation (RAG)** system integrating Google Gemini LLM and Arxiv API to provide intelligent question-answering over AI research papers.
- **Technologies Used:** Python, Streamlit, FAISS, Google Gemini API, RAG pipeline, Arxiv API, CLI tools

Nutrisense-Assistant

github.com/harishmogili21/Nutrisense-Nutrition-Assistant

- **Streamlit | Python | Mistral AI | Exa API | SQLite**
- Developed a comprehensive AI-driven health assistant that delivers **personalized nutrition and fitness recommendations** via a sleek Streamlit web interface.

Music-RAG-Enhanced

github.com/harishmogili21/Music-RAG-Enhanced

- Developed an enhanced music recommendation system integrating **Retrieval-Augmented Generation (RAG)** and **Reinforcement Learning from Human Feedback (RLHF)** to deliver highly personalized suggestions.

EDUCATION

Bachelor of Technology (Computer science engineering)

Mallareddy University • Hyderabad • 2025 • 7.76

- Completed B.Tech in Computer Science and Engineering with strong academic focus on core subjects including **Mathematics, Python Programming, Machine Learning, Deep Learning, and Database Management Systems (DBMS)**.

Intermediate (MPC)

Sri Chaitanya Junior college • Khammam, Telangana • 2021 • 792/1000

Schooling

Harvest public school • Khammam, Telangana • 2019 • 9.2

CERTIFICATIONS

AI Python for beginners, Multinomial RAG : chat with videos, Pretraining LLMs

Deeplearning.ai • 2025

Introduction to Generative AI Studio

Google Cloud (Simplilearn) • 2025

Data analytics using python , Java

2023

Cambridge English Empower level B2

2022

- Empower B2 aims to improve overall English proficiency, covering grammar, vocabulary, and pronunciation alongside the four core skills.
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COURSEWORK

BCG GenAI Job Simulation on Forage

BCG • 2025

- Completed a job simulation involving AI-powered financial chatbot development for BCG's GenAI Consulting team.
- Gained experience in Python programming, including the use of libraries such as pandas for data manipulation.

Deloitte Australia Technology Job Simulation on Forage

Deloitte • 2025

- Completed a job simulation involving development and coding
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INVOLVEMENT

Captain of University Volleyball team

Mallareddy university • Sports Association • June 2022 – April 2025

- Led the team to 7 championship victories over 3 years.
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SKILLS

- **Programming Languages:** Python , SQL , C++.
 - **Generative AI:** Large Language Models (LLMs), Prompt Engineering, Fine-tuning, RAG (Retrieval Augmented Generation).
 - **AI/ML Frameworks & Libraries:** TensorFlow, PyTorch, Hugging Face Transformers, Lang Chain, Llama Index ,scikit-learn, OpenCV, Google ADK, Mistral Agents, Agno, Open AI Agents
 - **Machine Learning:** Deep Learning, Neural Networks, Supervised/Unsupervised Learning, Classification, Regression.
 - **Soft Skills:** Communication, Collaboration, Continuous Learning, Problem-Solving.
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