CHARANEESH GADIKOTA

CONTACT

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EDUCATION

2020-2024

MAHINDRA UNIVERSITY

- Bachelor of Technology in Artificial Intelligence

2025-2026

STEVENS INSTITUTE OF TECHNOLOGY

- Masters in Applied Artificial Intelligence

SKILLS

- Project Management
- Public Relations, Teamwork
- Effective Communication
- Critical Thinking
- Python, Django, Flask
- HTML,CSS,JS
- LLMs (RAG), DeepLearning, NLP

CERTIFICATIONS

- Udemy: Python and Django Full Stack Web Developer Bootcamp 🔗
- Career Essentials in Generative AI by Microsoft and LinkedIn 🔗
- LangChain for LLM Application Development 🔗

LANGUAGES

- English
- Telugu
- Hindi
- French

PROFILE

Generative AI Engineer and Jr.Data Scientist who developed RAG models,apps using langchain, llamaindex and huggingface etc alongside with data science projects involving machine learning techniques and end to end projects with deployments in AWS. Experienced in team management , project coordination and volunteering club management associated with university. Specializing in integrating advanced AI technologies into Businesses like architectural company and associated with a political party with the help of midjourney and various AI Tools. Proficient in leading cross-functional teams to deliver innovative solutions.

WORK EXPERIENCE

● **Nimoy.AI**   11/2023 TO 05/2024
Generative AI Engineer (Intern)

- Contributed to a Retrieval-Augmented Generation (RAG) model-based project for a client. Utilized large language model (LLM) frameworks such as LangChain and LlamaIndex, working with vector databases to store documents and retrieve specific information. Applied various filtering and extraction methods as required by the project(KIKU).
- During this period, Worked in the Generative AI and emerging technology domain, focusing on image generation for a client based project for a political party. Created comic and caricature-styled pictures using Midjourney and other AI image generation platforms, translating imaginative ideas into prompts and natural language descriptions.

● **Nimoy.AI**   05/2024 TO 09/2024
Jr Data Scientist

- Building and fine-tuning a chatbot model along with Gems Education-Dubai for their Transport system using Langchain, integrating various api's to enable real time interactions and data retrieval. Refining various prompt engineering methods for getting best outputs and quality responses aligning with user requirements. Using postman to simulate user interactions, analysing the system responses and improving the model accuracy

PROJECTS

● **Student Performance Prediction(ML Project)**
GitHub Repository: charaneesh21/mlproject

- Project Overview: Developed a comprehensive machine learning pipeline using various tools and frameworks. The project includes data ingestion, exploratory data analysis (EDA), feature engineering, model training, hyperparameter tuning, and deployment configurations for AWS.

● **Biometric Quality Evaluation**

- Associated with Mahindra University
  - To determine the quality of a fingerprint sample we need it to satisfy some performance metrics or parameters. These parameters are chosen in way such that almost every fingerprint sample can contain/ satisfy the prerequisites for it.

● **Manifesto Retrieval Project Using NVIDIA NIM**

GitHub Repository: https://github.com/charaneesh21/NvidiaNIM

- Developed a document retrieval application using NVIDIA and Streamlit. Implemented vector embeddings and document loading from PDFs, split documents into chunks, and created a retrieval chain using FAISS and LangChain. Integrated NVIDIA LLM for accurate question answering from NDA Manifesto data.