Mahavadi Laxmipranavi

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Hyderabad.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Megha Institute of engineering and technology for women Hyderabad.	7.24	2019-23
Senior Secondary	SR junior college-Telangana state of Intermediate Education.	83.9	2019
SSC(10th)	Kakatiya Techno High school	8.8	2017

EXPERIENCE

- **Junior Generative AI Python Back-end Developer** *Jan 2024-Present*
  MITI Sphere Solutions PVT. LTD

  Professional project

  – **Project** : Built a summarization tool using large language models (LLMs) and developed a chatbot with the Retrieval-Augmented Generation (RAG) model. Now working on an e-signature platform.
  – **Responsibilities**: Built RESTful APIs in Python with Flask, integrating machine learning, natural language processing, optical character recognition, LangChain, SQL, and artificial intelligence. Developed a document summarizer and chatbot using the RAG model for better accuracy and user interaction. Currently researching new generative AI advancements to improve multi-modal and exploring LangGraph
  – Develop FLASK APIs and microservices to integrate AI capabilities, ensuring thorough testing and validation. Stay updated on generative AI advancements and contribute to continuous improvement efforts. Collaborate with QA for robust testing, ensuring performance and reliability
  – Worked closely with cross-functional teams to integrate AI technologies, aiming to improve user experiences, while continuously refining AI models and algorithms for more efficient and effective applications.

PROJECTS

Rainfall prediction using machine learning. *Oct 2022- Dec 2022*
Acadamic Project
- This project aims to forecast future precipitation, humidity, air pressure, windPressure and direction
- Technologies Used: **Python, Machine Learning**

TECHNICAL SKILLS

- **Programming**: Python.
- **Skills**: Generative Artificial Intelligence, LLM models , Machine Learning, Data Science and Backend Development.
- **Web Technologies**: HTML, CSS.
- **Database Technologies**: MySQL.
- **Development Tools**: Visual Studio Code, Jupyter Notebook, Jupyter Lab
- **Miscellaneous**: Git.
- **Frameworks**: LangChain, Flask, Django Rest Framework.

Certifications

- Certification of course completion on Python Programming language in NTH**.**

- Certification of course completion on Artificial Intelligence (AI) in Accenture.