

Venkata Vinay Vijjapu

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EDUCATION

- GMR institute of technogy** Rajam, India
 - Bachelor of Technology - Computer Science and Engineering; GPA: 8.79* *July 2020 - June 2024*
 - Courses: Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Programming with Python, NLP*

SKILLS SUMMARY

- Programming:** C, C++, Python, SQL, MYSQL
- Frameworks:** Langchain, llama-index, Langgraph, langsmith, Flask, streamlit, FastAPI
- Generative AI services:** RAG pipeline, prompt Engineering, AI agents, Agentic AI
- LLM Models:** GPT, Gemini, llama, mistral, gemma, DALL-E-2, GPT-Image-1
- Technologies:** Machine Learning, Deep Learning, NLP, LLM, GenAI, Google Cloud platform

EXPERIENCE

- Deloitte** Hyderabad
 - Gen AI engineer* *Sept 2025 - Present*
 - POC Team:** part of developing initial client ideas to real time and demonstrate with them.
- Cognizant Technology solutions** Hyderabad
 - Programmer Analyst Trainee* *Nov 2024 - Sept 2025*
 - Training:** Trained on GCP and Hadoop concepts, along with Python, SQL.
- Turing** Remote
 - LLM Trainer - Freelance* *Oct 2024 - Feb 2025*
 - RLHF:** Worked with the Meta and Microsoft client on the RLHF project to help train their model by testing it, identifying errors, and comparing its performance with other models.
- Future Smart AI** Remote
 - Data Science intern* *Feb 2024 - May 2024*
 - AI Agents:** Developed AI agents to retrieve conversations from linkedin, gmail and to add todo tasks.
 - Chatbots:** Developed various chatbots to connect to database and create sql queries using LLM based on user Natural Query, email bot.
 - Linkednin Profile checker:** This application aims to analyze the candature based on resume and linkedin to know if he is working anywhere.

PROJECTS

- Blog Ai generator** [Link](#)
 - Developed a CrewAI application that automates blog writing by 85%, converting user queries into structured, fact-checked articles with 95% relevancy.(Tech: CrewAI, Gemini, Python, prompting)
- Multi-AI agent** [Link](#)
 - Built a multi-agent system where autonomous agents interpret user queries and select the appropriate tool with a 95% success rate.(Tech: Langchain, groq, openai, fastapi, uvicorn, python, prompting, Retrival Augmented Generation, vector databases, Databases.)
- Language Translator with human native Voice Tone** [Link](#)
 - Engineered a voice-cloning translator that mimics the speaker's tone and cadence, leveraging OpenAI Whisper, Google Translate, and Coqui-TTS.(Tech: Python, Openai, Coque-tts, google-translator.)
- Natural Language to SQL BOT** [Link](#)
 - Built a natural language interface for databases, enabling staff to retrieve data without writing code. (Tech: Python, GPT-4, langchain, JSON, prompting, SQL,langsmith.)

PUBLICATIONS

- Conference: Document QA - Leveraging LayoutLMv3 for Next-Level QA:** Published the conference on layoutlmv3 where the model has been finetuned on DocVQA with 79% of accuracy, this conference also highlights to compare the working of layoutlmv2 and layoutlmv3.

HONORS AND AWARDS

- AI-Based Tool to Rank Top 5 Institutes (DR708) (AICTE) — Team Lead** National Level Hackathon
 - Smart India Hackathon 2022* *36-Hour Hackathon*
 - Solution to rank colleges based on AISCHE data where it had more than 50000 thousand colleges where the data is in unstructured format.(Python scripting, API handling, JSON, Web scripting)
- URL Spam Detection — Team Lead** College Level Hackathon
 - Deep Datathon 2.0* *12 hours hackathon*
 - Trained a Naive Bayes model on a CSV dataset with 100,000+ URL records, using TF-IDF vectorizer to process URLs, achieving 94% accuracy and securing 3rd place among 50 teams. (Python, NLP, machine learning, EDA)