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# GOLLU DURGAPRASAD

AI Engineer

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## SUMMARY

AI Developer with extensive **2 years** of experience in creating intelligent systems utilizing Agentic AI, Large Language Models (LLMs), and prompt engineering. Skilled in crafting scalable AI solutions with Python, FastAPI, and LangChain, and possesses practical knowledge in integrating voice and conversational AI (such as Ultravox and Exotel) in sectors like healthcare and recruitment. Proficient in developing LLM-powered agents, and managing unstructured data using MongoDB and Pinecone. Well-versed in handling asynchronous tasks with Celery, implementing real-time API integrations, and building cloud-based AI applications. Driven by a passion for enhancing impact through human-AI collaboration and developing autonomous task-solving agents.

## EDUCATION

### Rajiv Gandhi University of Knowledge Technologies,Nuzvid

Bachelor of Technology in Computer Science  
2020-2024  
8.4 CGPA

### Rajiv Gandhi University of Knowledge Technologies,Nuzvid

Pre-University Course  
2018 – 2020  
8.45 CGPA

## SKILLS

- Python (Pandas, NumPy, Scikit-learn, PyTorch, TensorFlow)
- FastAPI, Flask (for serving AI models)
- Celery , APScheduler
- WhatsApp & SMS Integration (with Twilio, Meta APIs)
- MCP Protocol, RAG
- MongoDB, Pinecone, ChromaDB, Redis Vector DB
- Docker, Git, GitHub Actions
- API Deployment & Testing (Postman, Swagger)
- Crew AI, FastAgents, AutoGen, LLM's
- LangChain, LangSmith, LangGraph

## CERTIFICATIONS

- Microsoft certified in Azure AI Fundamentals with 731 grade marks.
- Participated in Global Hackathon Challenge
- Gate-2k23 qualified

## PROFESSIONAL EXPERIENCE

### Hallmark Global Technologies Ltd    2023 Sep- Present

#### Multi-Modal AI Chatbot

**Tech:** LangChain, OpenAI, Pinecone, MongoDB, FastAPI

- Built a chatbot that can understand and respond based on KB from PDFs, Word docs, images, and web-scraped content.
- Integrated semantic search, embedding models, and vector stores for accurate contextual replies.

#### AI Led Interview Bot

**Tech:** LLMs (OpenAI GPT and Anthropic Claude ), FastAPI

- Developed an AI-led interview chatbot capable of conducting structured, multi-stage interviews (Intro → Technical → Reasoning → Summary).
- Implemented level-based adaptive questioning for technical.

#### AI-Powered Email Template Generator

**Tech:** LLMs (OpenAI/Gemini), FastAPI

- Developed an app that generates dynamic, context-aware email templates from user inputs like tone, purpose, and content type.
- Supports customization and integrates easily with CRM workflows.

#### Auto Email Reply System

**Tech:** LangChain, NLP, MongoDB

- Automatically analyzes subject and body of incoming emails to generate smart, context-aware replies.
- Uses embeddings and LLM-driven logic to ensure professional tone and accuracy.

#### AI Matcher

**Tech:** LLMs, FastAPI, MongoDB

- Built a scoring and ranking engine that matches candidate resumes to job descriptions.
- Designed generic way for use across different usecases like Matrimonial, Sales etc.,

#### Image Generation and Analysis

**Tech:** OpenAI DALL·E, Vision AI APIs

- Generates images and generic logos from textual content.
- Performs Summarization, Sentiment Analysis, Keyword Extraction, and Captioning from uploaded images using Vision + NLP.