

Chakra Teja Polamarasetty

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CAREER OBJECTIVE

AI enthusiast and final-year B.Tech student in Computer Science and Engineering specializing in AI & ML. Seeking an AI Agent Engineer position to apply strong Python programming skills and experience with LLMs in building and testing AI agents. Passionate about contributing to agent-based systems and advancing AI interoperability.

EDUCATION

Degree	Specialization	Institute	Year	CGPA
B.Tech	CSE (AI & ML)	Avanthi Institute of Engineering & Technology	2025(pursuing)	8.3
Intermediate	MPC	Sri Chaitanya Junior College	2021	93.6%
SSC	-	Z.P. High School	2019	9.8

WORK EXPERIENCE

- **AI Engineer Intern** [Wexa AI] [4 months]
 - Designed and implemented Agentic AI systems to automate tasks, gaining practical experience with agent frameworks and testing agent interactions.
 - Developed multiple API connectors for platforms like LinkedIn and Gmail, demonstrating strong Python programming skills and API development capabilities.
 - Built and enhanced RAG (Retrieval-Augmented Generation) systems, working directly with large language models (LLMs) to improve context-aware responses.

PROJECTS

- **Multi-Agent System for Web Search and Finance**
 - **Purpose:** Developed an intelligent multi-agent system for automating web search and financial analysis using AI agents.
 - **Features:** Implemented AI-driven agents to fetch real-time financial data and perform automated web searches for relevant information.
 - **Technologies Used:** Python, Phidata (Agent Framework), Groq (LLM API), OpenAI (GPT models), duckduckgo, yfinance, Retrieval-Augmented Generation (RAG).
- **AI-Powered Document Retrieval & RAG System**
 - **Purpose:** Built a Retrieval-Augmented Generation (RAG) system demonstrating how LLMs can be enhanced with external knowledge retrieval.
 - **Features:** Created a pipeline that processes documents, converts text into embeddings, retrieves relevant content using vector search, and integrates with multiple LLMs for accurate, context-aware responses.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript
- **AI & Machine Learning:** Experience with LLMs (OpenAI GPT, Claude, Grok), Retrieval-Augmented Generation (RAG), AI Agents, Transformers, Agent Frameworks (LangChain, Phidata)
- **API Development:** REST APIs, FastAPI, JWT Authentication, Postman for testing
- **Web Development:** React.js, Node.js, Express.js, HTML, CSS, Bootstrap, Flexbox
- **Databases:** MySQL & MongoDB

CERTIFICATIONS & TRAINING

Python :By Nxtwave
Node Js :By Nxtwave
Javascript :By Nxtwave
SQL :By Nxtwave