



Thotakura Teja Satyanarayana

GEN AI Developer

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Summary

GenAI Developer with 6+ years specializing in LLMs, RAG systems, and multi-agent architectures. Proven track record delivering production-grade AI solutions across diverse technology stacks.

Experience

Brillio Jul 2025 - present

Data Scientist

LTIMindtree Feb 2022 - JUN 2025

Senior Specialist (GEN AI)

Mckinley & Rice Nov 2021 - Jan 2022

Blockchain Developer

TCS Jun 2019 - Oct 2021

Software Engineer

Projects

AI Customer Support Automation | VCG Value Verizon

LangGraph • Multi-Agent Systems • Python • Real-time Streaming

Developed LangGraph-based multi-agent system automating customer troubleshooting workflows. Orchestrated specialized agents with real-time streaming output and automated summary generation, improving support efficiency.

AI-Powered IVR System with Intelligent Agent Handoff | American Airlines

Amazon Connect • AWS Bedrock • MCP • Python • Generative AI

Built an intelligent IVR system using Amazon Connect, AWS Bedrock, and MCP, integrating Generative AI for dynamic conversational flows and smart agent handoffs. Used Python to implement backend call logic, automate flight search tasks, and reduce response times significantly.

LLM-Based Text Summarization System | Autodesk

Azure OpenAI • Snowflake • Python • Prompt Engineering

Developed a production-grade summarization pipeline using Azure OpenAI and Generative AI prompting techniques like Chain-of-Thought and Few-Shot. Integrated securely with Snowflake, with all components orchestrated using Python for high-quality, compliant output generation.

Competitive Analysis RAG System | Autodesk

Weaviate Vector DB • LangChain • Azure OpenAI • Python

Built a production-ready Retrieval-Augmented Generation (RAG) system using Weaviate, LangChain, and Azure OpenAI to apply Generative AI for intelligent product document retrieval and summarization. Used Python to implement the retrieval, ranking, and generation workflow.

Skills

GEN AI

Python

Agentic AI

Langchain

Langgraph

LLM

NLP

RAG

N8n

AWS Bedrock

Prompt Engineering

Machine Learning

Deep Learning

Java

React.js

Certifications

CKA

Certified Kubernetes Administrator(CKA) by Linux Foundation

Education

Vignan University

B.tech - 8.8 GPA

May 2015 - May 2019

Sri Chaitanya Junior Collage

Intermediate /+2 - 87.4 %

May 2013 - May 2015

Indian Springs

SSC - 8.8 GPA

May 2012 - May 2013

Languages

English

Telugu

Tamil

Hindi

Kannada