

GATLA DURGESH REDDY

Data Scientist

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PROFESSIONAL SUMMARY

Data Scientist with expertise in Generative AI, Machine Learning, and Large Language Models. Passionate about transforming complex data into actionable insights and building innovative AI-powered solutions. Seeking opportunities to leverage technical skills in data science, ML, and GenAI to drive business value and solve real-world problems.

PROFESSIONAL EXPERIENCE

Data Scientist

May 2025 - Present

Pranathi Software Services, Hyderabad

- Leading development of cutting-edge GenAI projects using LLMs and advanced AI frameworks
- Implementing advanced analytics and ML models for business intelligence and decision-making
- Optimizing AI models for production deployment and scalable performance
- Collaborating with cross-functional teams to deliver AI-powered solutions

EDUCATION

B.Tech in Data Science

2020 - 2024

Bapatla Engineering College, Bapatla, Andhra Pradesh

CGPA: 8.46

Intermediate (M.P.C.)

2018 - 2020

Narayana Junior College, Vijayawada, Andhra Pradesh

CGPA: 8.98

SSC

2017 - 2018

Ravindra Bharathi School, Vijayawada, Andhra Pradesh

CGPA: 9.5

TECHNICAL SKILLS

Programming Languages

Python, SQL

Technologies

Machine Learning, Deep Learning, NLP, Generative AI

Frameworks & Libraries

LangChain, Llama Index, OpenAI Agents, Django, Agno Agents

Data Visualization

Matplotlib, Seaborn, Plotly, PowerBI

LLM Models

OpenAI, Claude, Gemini, Qwen, Ollama, Hugging Face, VLLM

Vector Databases

FAISS, ChromaDB, Weaviate, Qdrant

Deployment & Tools

Docker, AWS, n8n, Langflow

Coding CLI

Claude Code, Aider Coder

KEY PROJECTS

Chatbot

Developed Django based Weaviate RAG chatbot using OpenAI LLM's

NSE Stock Recommendation System

Built AI-powered system aggregating financial news from multiple sources, performing sentiment analysis on NSE-listed companies, and classifying sentiment as Positive, Negative, or Neutral for investment insights.

Podcast Video Generation

Developed automated video generation system integrating Text-to-Speech, LipSync models, and Image Segmentation technology for realistic podcast video creation.

Resume Analysis using Llama Index

Built intelligent recruitment tool using LlamaIndex to automate resume parsing, extract key information, and match candidates to job requirements efficiently.

INTERNSHIPS

Data Scientist Intern

Pranathi Software Services, Hyderabad

Feb 2025 - May 2025

Worked on real-world Data Science problems using Generative AI, enhanced data-driven decision-making capabilities.

Data Science Intern

Aug 2023 - Sep 2023

Oasis Infobyte Solutions Pvt. Ltd.

Gained hands-on experience in EDA, Machine Learning, and problem-solving through practical projects.

AI Intern

May 2023 - Jun 2023

Spypro Security Solutions Pvt. Ltd.

Developed and deployed ML models, worked on data preprocessing, model training, and AI integration.

CERTIFICATIONS

- Microsoft Technology Associate (MTA) - Python Programming
- Neo4j Graph Database
- IBM Skills Build - AI Fundamentals
- NPTEL - Data Analytics with Python
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional
- Cisco Network Academy
- Infosys Springboard - Python for Data Science
- HP LIFE - Data Science & Analytics