DATLA VAMSEESWARA REDDY

AI/ML ENGINEER

**Phone**: +91-9392378054 | **Email**: [vamc1223@gmail.com](mailto:vamc1223@gmail.com) | **LeetCode**: [leetcode.com/u/vamshi\_reddy\_datla](https://leetcode.com/u/vamshi_reddy_datla)

**LinkedIn**: [linkedin.com/in/datla-vamseeswara-reddy-03a88b276](http://www.linkedin.com/in/datla-vamseeswara-reddy-03a88b276) | **GitHub**: <github.com/vamseeswar>

# SUMMARY

**AI/ML Engineer** with hands-on experience building **RAG-based chatbots** using **LangChain** and **Groq LLMs**. Skilled in **NLP, Generative AI, and vector database integrations**. Proficient in **Python, PyTorch, TensorFlow, Hugging Face, and Streamlit**, delivering scalable AI/ML solutions for real-world applications.

# EDUCATION

**B.Tech Information Technology 2022-2026**

*Sri Venkateswara College of Engineering and Technology, Chittoor, India CGPA: 8.97/10*

**Intermediate MPC 2020-2022**

*Vijayawada Nalanda Junior College, Nandyal, India Percentage: 96.3*

**SSC 2019-2020**

*Sri Vasavi High School, Nandyal, India Percentage: 97.1*

# SKILLS

**Technical Skills**:

Python | PyTorch | TensorFlow | Hugging Face | LangChain | Groq LLMs | RAG Chatbots | NLP | Generative AI | Vector Databases (Pinecone, Weaviate, DeepLake) | Gradio | Streamlit | Prompt Engineering | MCP | LangGraph | DSA | HTML |

CSS | SDLC | GitHub | Docker

**Soft Skills**:

Analytical Thinking | Problem Solving | Creativity & Innovation | Collaboration | Effective Communication | Adaptability | Continuous Learning

# EXPERIENCE

## AI/ML Chatbot Developer October 2024 - Present

* Built and deployed multiple RAG-based and LLM-powered chatbots using Groq LLM, LangChain, and Flask.
* Specialized in NLP, Generative AI, RAG pipelines, vector databases and multimodal inputs (text, OCR, voice).
* Optimized performance to deliver production-ready AI solutions with ~90-92% accuracy and under 3 seconds response time.

# PROJECTS

## AI\_Agri\_Chatbot *| Python, Flask, Groq LLM, gTTS, HTML, Tailwind CSS* https://agrichat.onrender.com

* Built a **Flask-based chatbot** with **Groq LLM (Llama3-70B)** and **Whisper**, supporting **voice + text input**. Achieved **~90% accuracy** and processed **500+ queries concurrently** with **low latency**, showcasing expertise in **RAG and NLP systems**.

## AI\_Code\_Assistant *| Python , Flask , Groq LLM , HTML , Tailwind CSS* https://ai-code-assistant1.onrender.com

* Developed a **web-based AI Code Assistant** using **Groq LLM**, supporting **text and image (OCR) inputs** to generate **multi-language code solutions**. Enabled **real-time code execution and explanations** for **Python, Java, C/C++, JavaScript, Go, R, Ruby, and Kotlin**, achieving **high accuracy (~92%)** and **<3s average response time** for developers.

## MultiRAG\_QA\_Chatbot *| Python, Flask, Groq LLM, Gradio, RAG, LangChain, Docling, FSSIAS, Hugging Face*

* Built a **RAG-based QA chatbot** using **Python, Gradio, LangChain, Groq LLM, Docling, Hugging Face, and vector databases, splitting uploaded files into semantic chunks** to deliver **real-time answers with ~90% accuracy.**

# CERTIFICATIONS

* Generative AI - PrepInsta (August 2025)
* Artificial Intelligence Primer - Infosys SpringBoard (June 2025)
* Prompt Engineering - Infosys SpringBoard (June 2025)
* Python 3 and Advanced Certification Course - Programming Hub (September 2023)