

DATLA VAMSEESWARA REDDY

■ +91-9392378054 | ✉ ■ vamc1223@gmail.com | ■ LinkedIn:
www.linkedin.com/in/datla-vamseeswara-reddy-03a88b276 | ■ GitHub: github.com/vamseeswar | ■ LeetCode:
leetcode.com/u/vamshi_reddy_datla

Summary

AI/ML Engineer with hands-on experience in 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, Gradio, and Streamlit, delivering scalable AI/ML solutions for real-world applications.

Skills

Technical: Python | PyTorch | TensorFlow | Hugging Face | LangChain | Groq LLMs | RAG Chatbots | NLP | Generative AI | Vector Databases (Pinecone, Weaviate, DeepLake) | Gradio, Streamlit | Prompt Engineering | MCP | LangGraph
Soft Skills: Analytical Thinking | Problem Solving | Creativity & Innovation | Collaboration | Effective Communication | Adaptability | Continuous Learning

Projects & Practical Experience

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 both voice + text input.
- Delivered ~90% response accuracy, handling 500+ queries concurrently with low latency.
- Showcased expertise in RAG pipelines 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 supporting text + OCR inputs to generate multi-language code solutions (Python, Java, C/C++, JavaScript, Go, R, Ruby, Kotlin).
- Achieved 92% accuracy and <3s average response time.
- Integrated real-time code execution and explanations with Tailwind CSS UI.

MultiRAG QA Chatbot | Python, Flask, Groq LLM, Gradio, LangChain, Hugging Face, Docling, Vector DBs

- Built a RAG-based QA chatbot for real-time question answering from uploaded documents.
- Implemented semantic chunking for contextual retrieval, achieving ~90% accuracy.
- Deployed scalable solution leveraging Groq LLM + FSSIAS.

Certifications

- Generative AI Course (Aug 2025) – Preplnsta
- Principles of Generative AI (Jun 2025) – Infosys Springboard
- Prompt Engineering (Jun 2025) – Infosys Springboard
- Python 3 and Advanced Certification (Sep 2023) – Programming Hub

Education

B.Tech in 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%