K. Sriram Reddy

CSE - Data Science

CMR Technical Campus

Hyderabad

+91 6303471489

k.sriramreddy9@gmail.com

linkedIn : sriramreddy

Github : ksriramreddy

EDUCATION

2022 - 2025 **CMR Technical Campus**
CSE-Data Science, Hyderabad
Grade 8.2

WORK EXPERIENCE

- **FULLSTACK DEVELOPER INTERN** *DataSpeaks – [Remote] Oct 2024 – Feb 2025*
  Built and maintained scalable web apps using the MERN stack (React, Node.js, Express, MongoDB).Created reusable React components, ensured responsive design, and implemented JWT-based authentication.Designed REST APIs, handled MongoDB data modeling, and collaborated in Agile teams with Git version control.

SKILLS

- **Machine Learning:** Python, Scikit Learn, Pytorch, VectorDB, LLM, LangChain, FAISS, HuggingFace, RAG - Retrieval-Augmented Generation, Tenserflow, BERT, NLP, Embeddings, prompt engineering,AI Frameworks, Data Analytics, CI/CD Pipelines, Data Engineering.
- **Programming Languages:** JavaScript (ES6+), TypeScript, Python, C++, SQL, Java
- **FullStack Technologies:** HTML/CSS, JavaScript, ReactJS, Tailwind CSS, UI/UX MySQL, Django, FastAPI, AWS S3, OPENAI API, PostgreSQL, Node.js, Express.js, RESTful API, MongoDB, JWT, Socket.IO.

PROJECTS

- **Pneumonia Detection Using Deep Learning (ResNet-18)**
  Developed a PyTorch-based pneumonia detection system using ResNet-18 on 7K+ chest X-rays, achieving.
  Code   Demo

- **Personal Voice-Based RAG Assistant**
  Built a full-stack AI voice assistant that transcribes speech, retrieves context via FAISS, generates answers with GPT-3.5, and replies with gTTS-based audio.
  Code   Demo

- **LLM-Powered Document QA Assistant using Hugging Face and FAISS**
  Built an LLM-powered PDF QA assistant with FastAPI, Hugging Face, and FAISS that ingests PDFs, creates embeddings, and answers natural language queries by retrieving the most relevant content
  Code

- **MERN Chat Application with AI Assistant (ECHO-AI)**
  Built a MERN-based real-time chat app with JWT auth, Socket.IO messaging, Cloudinary image sharing, and integrated Google Gemini API to power ECHO-AI.
  Code   Demo