SRIJITH VY

Artificial Intelligence & Machine Learning Engineer

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About Me

I am a B. Tech student specializing in Artificial Intelligence and Machine Learning with a passion for machine learning, deep learning, and web development. Skilled in communication and teamwork, I am focused on contributing to real-world projects and growing my expertise.

EDUCATIONAL CREDENTIALS

Sri Shakthi Institute of Engineering and Technology - Coimbatore

B. Tech in AI &ML   2022-2026   CGPA-7.57

Sri Gopal Naidu Hr.sec School - Coimbatore

HSC   69.3%

SSLC   83%

SKILLS

- **HTML**
- **CSS**
- **MERN**
- **AWS EC2**
- **Python**
- **NLP**
- **Tailwind**
- **Fastapi**
- **Time Management**
- **Problem Solving**
- **Adaptability**

COURSES

- Web development - Udemy
- Machine learning: Beginner to Advance - Udemy
- Natural language processing - Unstop
- MERN stack - Rampex technologies

AREAS OF INTEREST

- Machine learning & Deep learning
- LLM & RAG
- Web development

PROJECTS

Conversational FIle Manager

Built a chatbot that can perform basic file operations, summarization, and send emails via voice or text commands.

Backend for PDF RAG System

This project is about creating a robust, production-ready backend for a RAG system with PDF injection and cloud-ready features. It is based on microservice architecture.

Smart Irrigation System (SIRR)

This project enhances existing irrigation systems by using various sensors and a machine learning model to operate according to different plant types, and to monitor plant and soil status through an application.

Comprehensive Blood Management Portal (RedConnect)

Developed using the MERN stack, this project is a comprehensive portal designed to facilitate blood donation and requests. It features an employee dashboard for efficiently managing request logs and tracking available blood stock (https://red-connect-mu.vercel.app/)

PUBLICATIONS

Smart Irrigation System(IJSREM journal)
DOI: 10.55041/IJSREM361656

Conversational File Manager(IJSREM journal)
DOI: 10.55041/IJSREM49663