

YASWANTH KURAMDASU

yaswanthkuramdasu@gmail.com | +91 82970 31456

Portfolio | GitHub | LinkedIn | Codechef

EDUCATION

Vignan's Institute Of Information Technology
Bachelor of Technology, CSE (Artificial Intelligence)
CGPA: 8.94 / 10.0

Visakhapatnam, India
Nov 2022 - Present

EXPERIENCE

Indian Institute of Information Technology, Allahabad (IIITA) | AI & ML Research Intern
May 2024 – July 2024

- Developed a multimodal summarization system to extract key clinical information from Hinglish medical queries and images.
- Utilized transformer-based LLMs and PEFT techniques (QLoRA) for efficient fine-tuning on limited hardware.
- Enhanced factual accuracy by fusing visual and textual embeddings, improving summarization quality and context.

PROJECTS

Roameo – Multi-Agent AI Travel Planning System

GitHub

Python, LangChain, LangGraph, Tavily, Gemini, Mistral, Llama

- Built a multi-agent AI system converting travel requests into personalized, budget-aware itineraries via agents for planning, research, POI selection, scheduling and itenary generation.

PolicyMind AI – Intelligent Policy Document QA System

Live Demo | GitHub

Python, RAG, LangChain, ChromaDB, MegaParse, Streamlit, LLMs

- Developed an intelligent QA system for insurance/policy documents using RAG with semantic chunking, indexing, query parsing, and LLM inference.

AgriConnect – Agricultural Management Platform

Live Demo | GitHub

React, Vite, Node.js, Supabase, Tailwind CSS

- Built a precision agriculture platform offering AI-driven crop disease detection, soil health analysis, and crop/fertilizer recommendations.

Myra – AI Mental Health Therapist

Live Demo | GitHub

React, Vite, Node.js, Supabase, Tailwind CSS

- Created an empathetic AI companion providing mental wellness support via mood-adaptive UI, personalized suggestions, and conversational memory.

ACHIEVEMENTS & AWARDS

- **Eureka! 2024, IIT Bombay** : Qualified Zonal Round and advanced to Semi-Final Round Pitching of Asia's largest Business-Model competition.
- **Smart India Hackathon, 2024** : Advanced to national semi-final after qualifying in the internal hackathon.

TECHNICAL SKILLS

Languages	Python, C++, Java, JavaScript, HTML5, CSS3, SQL
AI/ML	PyTorch, TensorFlow, Hugging Face, Transformers, Multi-Modal, RAG, PEFT, LangChain, LangGraph, CrewAI
Web & Mobile	React, Node.js, Express, Flask, FastAPI, Vite, Tailwind CSS
Databases & Platforms	MongoDB, PostgreSQL, Firebase, Supabase, WatermelonDB
Tools & Others	Git, GitHub, Docker, VS Code, Google Colab, DSA

PROFESSIONAL SKILLS

- Problem Solving, Adaptability, Quick Learner, Team Collaboration

CERTIFICATIONS

- Google Data Analytics Specialization - **Google**