K HARIPRASAADH

✉ hari.kdh7376@gmail.com in Linkedin ⬡ GitHub 🌐 Portfolio

Proficient in Data Structures and Algorithms using Java, with a strong foundation in designing efficient and optimized solutions. Skilled in developing intelligent AI agents and machine learning models. Adept at building end-to-end AI-powered solutions and seamlessly integrating them into full-stack web applications. Algorithmic thinking with practical implementation to deliver scalable, impactful products across AI and software domains.

Education

Vellore Institute of Technology   Aug 2023 – May 2027
B.Tech in Computer Science (AI and ML)   CGPA: 9.62

PS Senior Secondary School, Mylapore   2023
Grade 12   Percentage: 94.4%

Technical Skills

Languages: C++, Python, Java, Javascript, Typescript, SQL
Frameworks: Tensorflow, Langchain, LangGraph, FastAPI, React.js, Next.js
Tools: Git, Github, Postman, Figma, Visual Studio Code
Cloud and Cloud native: AWS, Docker
Soft Skills: Leadership, Event Management, Public Speaking, Logical thinking

Experience

Samsung PRISM — Project Intern   July 2025 - Present
- Currently working on the *Intelligent Agentic Communication App*, an AI-powered productivity platform.
- Developing **AI-driven agentic orchestration**, automation workflows, and integrating features with **cloud and mobile platforms**.

Annam.ai — Project Intern   May 2025 - Aug 2025
- Contributed to *Agronome*, a smart agriculture platform for Indian farmers.
- Built an **LLM Agentic Chatbot with RAG**, developed **Computer Vision models**, and integrated the backend with the frontend using **FastAPI**.

Projects

CareerTrack — Langchain, TensorFlow, Next.js ⬡
- Integrated an ATS resume matcher that analyzes job descriptions and scores applicant resumes with up to 90% accuracy, streamlining candidate-job fit and improving application success rates by 25%.
- Integrated **advanced AI chatbots and recommendation engines** using Retrieval-Augmented Generation (RAG) and Agentic AI to deliver real-time, personalized educational guidance and career advice tailored to individual interests and performance.

Crop-Core Tech — TensorFlow, FastAPI, React Native, YOLO ⬡
- Implemented **YOLOv11 + EfficientNet-based deep learning models** achieving 90%+ accuracy in real-time detection of plant diseases and pests, reducing crop losses by an estimated 25%.
- Developed a market price tracker that scrapes real-time crop prices from multiple sources and predicts future price trends, helping farmers improve selling decisions and increase profits by up to 15%.

Achievements

- **Reliance Foundation Undergraduate Scholar 2023**: Selected as one of the top 5000 individuals out of a competitive pool exceeding 300,000 applicants.
- **AI/ML Batch Rank Holder**: Secured **Rank 6** among 600+ peers in B.Tech CSE (AI & ML) with a CGPA of 9.62.

Certifications

- Data Analysis with Python (IBM)   February 2024
- Machine Learning Specialization (Standford University)   July 2024
- Computer Vision and Image Processing (IBM)   August 2024
- Generative AI with Large Language Models (AWS)   February 2025