K HARIPRASAADH

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

Proficient in AI/ML, Web development, and Competitive programming with expertise in C++, Java, and Python. Skilled in developing machine learning models and building intelligent AI agents, with practical experience in designing efficient algorithms and delivering end-to-end AI-driven solutions. Adept at creating full-stack web applications using modern development frameworks to build scalable and impactful products.

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, Next.js
Tools: Git, Github, Figma, Visual Studio Code
Cloud and Cloud native: AWS, Docker
Soft Skills: Leadership, Event Management, Public Speaking, Logical thinking

Experience

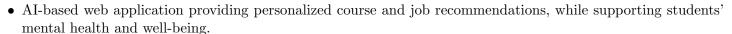**Open Source Programming Club**
AI & ML Lead   Chennai, India

- Led the development of 5+ AI-based projects, ensuring the integration of cutting-edge technologies and fostering a collaborative, learning-driven environment.
- Organized and directed 10+ collaborative projects and workshops, promoting open-source innovation and enhancing the club's technical impact.

Projects

CareerTrack — Langchain, TensorFlow, Next.js ⬡

- AI-based web application providing personalized course and job recommendations, while supporting students' mental health and well-being.
- 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 8 with a CGPA of 9.64 in my 2nd year of B.Tech CSE (AI&ML).

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