

K HARIPRASAADH

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 github.com/Hariprasaadh

 hariprasaadh.vercel.app

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
<ul style="list-style-type: none">Currently working on the <i>Intelligent Agentic Communication App</i>, 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
<ul style="list-style-type: none">Contributed to <i>Agronome</i>, 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 **AI chatbots and recommendation engines** using RAG and AI Agents to provide real-time, personalized educational and career guidance.

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.
- Published Patent – System for Farm Management:** Published under the Indian Patent Office for an AI-driven smart agriculture system enabling real-time monitoring and informed crop decisions.

Certifications

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