

HARIPRASAADH K

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 github.com/Hariprasaadh

 hariprasaadh.vercel.app

Passionate AI/ML developer with strong foundations in Data Structures and Algorithms and a deep understanding of core machine learning principles. Skilled in designing and deploying intelligent agents, machine learning models, and Generative AI systems. Experienced in building end-to-end, cloud-native AI solutions with practical, scalable implementation across research and product environments.

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, Model Context Protocol(MCP), 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 R&D Institute, Bangalore — PRISM Intern	July 2025 – Present
<ul style="list-style-type: none">Developing AI-driven agentic orchestration and automation workflows, integrating MCP and A2A communication protocols for seamless multi-agent collaboration.Designing and deploying intelligent features across 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 RAG-based Agentic Chatbot integrating LLMs with structured retrieval for context-aware recommendations, developed Computer Vision models, and integrated the backend with the frontend using FastAPI.	

Projects

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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