

ARAVINTH S

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SUMMARY

- AI Engineering student with strong hands-on experience building AI applications, specializing in Machine Learning, and Agro Tech solutions.
- Developed 10+ full-stack AI products, notably AgroRisk AI+ and enterprise workflow platforms.
- Skilled in Python, Flask, React.js, and full-stack AI. Seeking a placement to solve real-world problems through scalable AI solutions and expand my cloud expertise.

TECHNICAL SKILLS

AI / ML: Large Language Models, LLM APIs (GPT, Gemini, Claude)

& Frameworks: Python, Java, FastAPI, Flask, React,

Tools & Platforms: Git, GitHub, VS Code, ChatGPT, Gemini

Cloud & Deployment: Vercel, Netlify, Render,

Database: Firebase

EXPERIENCE

Machine Learning Intern | CodeAlpha (Jan 2026)

Lucknow, Uttar Pradesh, India

- Developed a speech recognition system using Python ML pipelines for accurate audio-to-text conversion.
- Built an NLP-based summarization model to generate concise insights from large-scale documents.
- Implemented a real-time face recognition system using OpenCV and deep learning (CNN/FaceNet) for accurate face detection and identification.

PROJECTS

Agro Intelligence – Agricultural Risk Intelligence Platform

- Built a rule-based Agro Tech platform to provide predictive analytics and actionable market intelligence for farmers.
- Developed real-time monitoring features to assess agricultural risks and optimize daily farming workflows.
- Implemented a scalable full-stack architecture using Python, Flask, React.js, and Firebase.

AI-Powered Approval Workflow Builder – Enterprise SaaS Automation

- Developed an enterprise SaaS platform to automate complex, multi-level approval workflows.
- Designed an interactive visual builder for customizing hierarchical approval chains.
- Built a scalable full-stack architecture using Python, Node.js, and React.js.

PROJECTS & ACHIEVEMENTS & CERTIFICATIONS

– AI for Business Professionals | HP LIFE (HP Foundation)

Applied AI in business, including prompt engineering and ethical practices.

– Master ChatGPT | UniAthena

Advanced training in ChatGPT, AI workflows, and productivity applications.

– Portal of Innovation 2K26 | Second Prize, Project Expo — Sri Sairam Engineering College (SEC), Chennai

– Sinthan'AI 2K26 | 24-hour Hackathon (4th Place) — Erode Sengunthar Engineering College (ESEC)

– National Level Project Competition 2K25 | Certificate of Participation — Velammal Institute of Technology (VIT)

EDUCATION

Erode, Tamil Nadu, India

Shree Venkateshwara Hi-Tech Engineering College

BE(CSE) in Artificial Intelligence and Machine learning
