KARTHICKKUMAR S

Krishnagiri, Tamil Nadu

+91-7305157325 | veerakarthick235@gmail.com | LinkedIn | GitHub | Portfolio

SUMMARY

- AI Engineering student with strong hands-on experience building AI applications using Large Language Models, LLM APIs (OpenAI, Claude and Gemini) and agentic workflows.
- Delivered 100+ projects that includes autonomous agents, real-time AI systems, and full-stack AI products.
- Skilled in Python, FastAPI, and full-stack AI development. Seeking opportunities to build scalable AI systems that solve real-world problems.

EDUCATION

Shree Venkateshwara Hi-Tech Engineering College *Erode, Tamil Nadu, India*

B.Tech in Artificial Intelligence and Data Science

TECHNICAL SKILLS

AI / ML: Large Language Models, LLM APIs (GPT, Gemini, Claude), RAG, Prompt Engineering, Agentic AI

Languages & Frameworks: Python, Java, FastAPI, Flask, React, REST APIs

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

Cloud & Deployment: GCP, Vercel, Netlify, Render, Railway

Database: MongoDB, MySQL, Firebase

EXPERIENCE

Freelance Web Developer *Remote, UK*

- Delivered professional websites and digital solutions for UK-based businesses.
- Generated ₹40,000+ in freelance revenue through successful international client projects.
- Designed and optimized business websites with a focus on performance, SEO, and user experience.

PROJECTS

AI Agro Assistant – AI-Powered Smart Agriculture Platform **Check it live**

- Developed a full-stack AI platform for smart farming with crop disease detection, AI crop planning, weather insights, and market price intelligence.
- Integrated Google Authentication, Razorpay payments, MongoDB, and a Farmer-to-Consumer marketplace for seamless agricultural commerce.
- Published the research paper "AI Agro Assistant: A Unified LLM-Driven Platform for Direct Farmer–Consumer Commerce and Agricultural Decision Support" on Zenodo (CERN-backed repository).

Smart Canteen & Stationery Management System **Check it live**

- Developed a full-stack web application enabling online food and stationery ordering with role-based access.
- Integrated Razorpay payment gateway and implemented secure one-time QR code verification to prevent duplicate order collection.
- Built scalable frontend and backend using React.js, Flask, MongoDB Atlas, and JWT authentication.

LEADERSHIP & ACHIEVEMENTS

Founder & CEO – Innovation Hacks (Global AI Innovation Community) **Innovation Hacks**

- Founded and lead Innovation Hacks, a global platform for AI innovation, hackathons, and developer communities.
- Successfully organized multiple international AI hackathons from 73+ countries.
- Collaborated with 50+ international judges, including founders, CTOs, AI researchers, IEEE members, and senior engineers from companies such as Amazon, Google, Microsoft, LinkedIn, IBM, Visa, Samsung, Meta, Apple, Deloitte, Cloudflare and other global technology organizations.
- Designed and managed end-to-end hackathon operations, including platform management, judging workflow, participant engagement, certificates, and prize distribution.
- Built a global community connecting students, developers, founders, researchers, and industry experts to foster innovation and collaboration.

CERTIFICATIONS

- Engineer AI Agents with Agent Development Kit (ADK) – Google Cloud (2026)
- Internet of Things (Elite 73%) – NPTEL IIT Kharagpur
- AI Agent Studio Foundations – Oracle (Course)