KARTHICKKUMAR S

Krishnagiri, India

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Profile Summary

- Aspiring AI Engineer with strong skills in **machine learning**, **deep learning**, and **full-stack development**, specializing in building intelligent systems and scalable backend architectures.
- Proficient in **Python**, **Flask**, **React.js**, and **JWT authentication**, with experience in integrating ML models into production-grade applications.
- Passionate about applying AI and automation to solve real-world challenges, with a strong focus on performance, scalability, and user-centric design.
- Familiar with tools and technologies such as **NumPy**, **Pandas**, **Scikit-learn**, **TensorFlow**, **MongoDB**, and **SQL**, following **Agile methodologies**.

Technical Skills

Programming Skills	Frameworks &Libraries	AI/Machine Learning	Tools & Platform
- *Python*	- *Flask*	- *OpenCV*	- *ChatGPT*
- *Java*	- *React.js*	- *Tensorflow*	- *Gemini*
- *JavaScript*	- *Express.js*	- *Scikit-learn*	- *VS Code*
- *Mongo DB*	- *Node.js*	- *Pandas*	- *GitHub*

Experience

CODTECH IT Solutions – AI Intern   **June 2025 – July 2025**

- Completed a **4-week internship** in **Artificial Intelligence**, demonstrating strong technical and problem-solving skills.
- Gained hands-on experience in **machine learning model integration**, problem-solving, and scalable system design
- Worked on AI-based projects, showcasing innovation, technical proficiency, and commitment to excellence.

View Certificate

Projects

AI_Blood_App / *React Native, Expo, FastAPI, PostgreSQL(Supabase), Node.js* / View on GitHub

- AI-powered mobile app to support Thalassemia patients in India.
- Donor matching, role-based dashboards, DonorMatch AI, Thalassemia Care Companion chatbot.

Live Call Transcription / *FastAPI, Uvicorn, Twilio, AssemblyAI, WebSockets, HTML/CSS/JS, ngrok* | View on GitHub

- Real-time phone call transcription using Twilio and AssemblyAI.
- WebSocket-based live transcription, phone-to-text AI service.

Education

Shree Venkateshwara Hi Tech Engineering College   **Expected Graduation: Dec 2027**
B.Tech/ARTIFICIAL INTELLIGENCE AND DATA SCIENCE   **Erode**
8.50 CGPA

Achievements

AI for Good Hackathon by Blend360   **August 2025**

- Developed an AI-powered blood donation app that addressed real-world health challenges.

Participant – Multiple National & Intercollege Hackathons

- Built end-to-end AI/ML solutions under 24 – 48 hours constraints, recognized for innovation and teamwork.

Other Achievements

- 30th State Level Karate Championship (2016)
- 33rd South India Level Karate Championship (2018)
- No-Absentee Record + Academic Rank Holder (School Level).

Certifications

- National Level Hackathon – SIET   - View Certificate (2024)
- Internet of Things – IIT Kharagpur - View Certificate (2025)
- AI Foundations Associate – Oracle   - View Certificate (2025)
- APEX Cloud Developer – Oracle   - View Certificate (2025)