RAMKUMAR S

Erode, India

+91 7418519493 / ramkumarsudha2006@gmail.com / LinkedIn / GitHub / Portfolio

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.

Projects

CHAT_BOT / *Node.js, Express, OpenAI API* / View on GitHub

- A chatbot powered by advanced NLP to help users get answers and automate tasks..

Blockchain_Health_Records / *Typescript,javascript,css* | View on GitHub

- Blockchain secures patient health records by storing them in a **tamper-proof, encrypted ledger** where only authorized users can access.
- It ensures **data privacy, transparency, and trust** while preventing unauthorized modifications.

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.

Certifications

- Data Analytics With Generative AI
- AI Agent
- Power BI
- Gen AI
- Go Lang Framework