

Profile

Aspiring Machine Learning Engineer with hands-on experience in machine learning, computer vision, and applied AI projects. Strong interest in building real-world, data-driven solutions through academic projects and hackathon participation, with a focus on practical implementation and continuous learning.

Education

KPR Institute of Engineering and Technology (KPRIET) B.E. in Computer Science CGPA: 8.05	2023 – Present Coimbatore, India
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Experience

InternPe Full Stack Developer Intern	Jan 2025 – Feb 2025 Rajasthan, India
• Developed responsive web interfaces using HTML and CSS with backend integration. • Used Git and GitHub for version control and collaborative development.	

Projects

PII Detection and Encryption System Machine Learning Project <i>Tech: Python, TensorFlow, OpenCV, Cryptography</i>	Sep 2024 – Oct 2024
• Detected and encrypted sensitive personal information from text and images. • Improved data privacy through automated detection workflows.	
Drone-Assisted Disaster Victim Identification Computer Vision Project <i>Tech: TensorFlow, OpenCV, Image Processing</i>	Dec 2024 – Feb 2025
• Identified disaster victims using drone imagery and computer vision techniques. • Supported faster rescue operations through real-time analysis.	
AI-Powered Skin Disease Classification Machine Learning Project <i>Tech: TensorFlow, MobileNetV2, Flask, Image Processing</i>	Sep 2025 – Oct 2025
• Classified 23 skin diseases from medical images using deep learning. • Optimized inference performance for efficient predictions.	
MedConnect: Offline AI Healthcare Chatbot AI + Full Stack Project <i>Tech: React.js, Electron.js, Ollama (LLaMA 3), SQLite</i>	Oct 2025
• Built an offline chatbot to assist rural healthcare workers with first-aid guidance. • Enabled Tamil, Hindi, and Telugu support without internet dependency.	

Technical Skills

Programming: Python, Java
Machine Learning: TensorFlow, Deep Learning, Computer Vision
Web: HTML, CSS, Flask (working knowledge)
Tools: Git, GitHub, VS Code

Achievements

- Winner – KPR Ignitron Trophy Hackathon (2024).
- Top 50 Teams – Smart India Hackathon (2024).
- Top 25 Teams – KPR Innovcense (2025).

Languages

Tamil (Native) — English (Professional Proficiency)