

Mohamed Shaheel

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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

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

Tech: Python, TensorFlow, OpenCV, Cryptography

- Detected and encrypted sensitive personal information from text and images.
- Improved data privacy through automated detection workflows.

Sep 2024 – Oct 2024

Drone-Assisted Disaster Victim Identification

Computer Vision Project

Tech: TensorFlow, OpenCV, Image Processing

- Identified disaster victims using drone imagery and computer vision techniques.
- Supported faster rescue operations through real-time analysis.

Dec 2024 – Feb 2025

AI-Powered Skin Disease Classification

Machine Learning Project

Tech: TensorFlow, MobileNetV2, Flask, Image Processing

- Classified 23 skin diseases from medical images using deep learning.
- Optimized inference performance for efficient predictions.

Sep 2025 – Oct 2025

MedConnect: Offline AI Healthcare Chatbot

AI + Full Stack Project

Tech: React.js, Electron.js, Ollama (LLaMA 3), SQLite

- Built an offline chatbot to assist rural healthcare workers with first-aid guidance.
- Enabled Tamil, Hindi, and Telugu support without internet dependency.

Oct 2025

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)