

LOKESH J

📍 Chennai, Tamil Nadu | 📞 +91 9940262055 | ✉ lokeshlike772@gmail.com
🌐 LinkedIn: linkedin.com/in/lokesh-sde | 🌐 GitHub: https://github.com/Loki0425

ABOUT ME

AI & ML undergraduate with hands-on experience in Computer Vision, Deep Learning, and Full Stack Web Development. Built real-time AI systems including Early Skin Cancer Detection, Drowsiness Detection, and Food Recognition using Transfer Learning.

EDUCATION

B.Tech – Artificial Intelligence & Machine Learning
Panimalar Engineering College (2022–2026)
CGPA: 8.717

HSC – Velammal Vidyalaya (2020–2022)
78.2%

SKILLS

Programming: Python, Core Java

ML: Scikit-learn, XGBoost

Deep Learning: TensorFlow, Keras, CNN, Transfer Learning

Computer Vision: OpenCV

Web: HTML, CSS, JavaScript

Database: SQL, SQLite

Tools: Git, GitHub, Streamlit

CERTIFICATIONS

- Static Website – Nxtwave
- Java Programming – Coursera

LANGUAGES

Tamil, English, German (Learning)

PROJECTS

Early Skin Cancer Detection

- Developed a Hybrid CNN + EfficientNet model for skin lesion classification.
- Used HAM10000 dataset with deep learning techniques.
- Built web interface for prediction and risk-level analysis.

AI-Based Food Recognition System

- MobileNetV2 transfer learning model (20 classes, 79% accuracy).
- Implemented confusion matrix and real-time prediction using OpenCV.

Drowsiness Detection System

- Real-time driver fatigue detection using OpenCV and eye tracking.

Hand Gesture Controlled Bot

- Gesture recognition system enabling real-time automation control.

Song Recommendation System

- NLP-based TF-IDF + Cosine Similarity recommendation engine with Streamlit.

INTERNSHIP

Web Development Intern – AcmeGrade

- Built responsive full-stack applications and optimized backend queries.

Machine Learning Intern – Slash Mark

- Developed regression and classification models for data analysis