

# KAMALESH M

AI & Data Science Student | Machine Learning & Computer Vision

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## PROFESSIONAL SUMMARY

B.Tech student in Artificial Intelligence and Data Science with practical experience in building machine learning and computer vision projects. Skilled in developing CNN-based models for face recognition, emotion detection, and handwritten character recognition. Passionate about applying AI to real-world problems and continuously enhancing technical expertise.

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## EDUCATION

Bachelor of Technology (B.Tech) – Artificial Intelligence & Data Science

Graduation: 2027

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## TECHNICAL SKILLS

Programming Languages: Python

Machine Learning & Deep Learning: Machine Learning, Convolutional Neural Networks (CNN), Computer Vision

Frameworks & Libraries: TensorFlow, Keras, Scikit-learn, OpenCV, NumPy, Pandas

Web Technologies: Flask, HTML

Tools: Git, GitHub, VS Code

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## PROJECTS

### AI Attendance System using Flask

- Developed a face recognition-based attendance system using computer vision.
- Automatically records attendance and exports it to CSV.
- **Technologies:** CNN, OpenCV, Flask.

GitHub: <https://github.com/Kamal-0713/AI-attendance-system.git>

### Emotion Detection System

- Created a real-time emotion detection app that classifies facial expressions from webcam input.
- Achieved live performance with trained CNN models and OpenCV integration
- **Technologies:** CNN, TensorFlow, Keras, OpenCV

GitHub: <https://github.com/Kamal-0713/Emotion-Detection-.git>

## **INTERNSHIP EXPERIENCE**

Student Intern – Eagle Hi-Tech Softclou Technology

Duration: 30 Days

Worked on an emotion detection system using CNN and OpenCV.

Developed a machine learning-based weather prediction model.

Gained exposure to real-world AI project workflows and teamwork.