


ISHITA YADAV

CONTACT

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EDUCATION

K.R.Mangalam University

2022-2026

B-Tech CSE spl in AI & ML

SKILLS

- Proficiency in programming languages, particularly C++.
- Experienced in machine learning, including both supervised and unsupervised learning, as well as model training and evaluation.
- I have worked extensively with libraries and frameworks such as TensorFlow, Keras, OpenCV, Dlib, and MediaPipe.
- My expertise in computer vision includes object detection, image processing, head pose estimation, and gesture recognition.
- I possess strong soft skills, including problem-solving, communication, time management, and collaboration.

PROFILE

I am a third-year B.Tech Computer Science (AI & ML) student with a keen interest in developing real-world solutions through innovative projects. I have worked on applications involving AI-based proctoring and gesture recognition, demonstrating a practical approach to learning and implementation. I am driven by curiosity, a problem-solving mindset, and a passion for exploring the potential of emerging technologies.

WORK EXPERIENCE

Sign Language Interpreter — Personal Project

- Designed and implemented a system that interprets sign language gestures into text in real time.
- Utilized computer vision and machine learning techniques to detect hand gestures using MediaPipe.
- Aimed to assist individuals with hearing impairments by enabling smoother communication through gesture recognition.
- Focused on user-friendly interaction and real-time performance for practical usability.

Exam Integrity AI System — Personal Project

- Developed an AI-powered proctoring system to monitor and ensure integrity during online exams.
- Implemented features like head pose estimation, blink detection, and face count using Dlib and computer vision techniques.
- Enabled real-time webcam monitoring to detect suspicious activities and support automated invigilation.
- Aimed to provide a scalable and accessible solution for remote exam supervision