ISHITA YADAV

MACHINE LEARNING ENGINEER

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EDUCATION

B-TECH CSE spl in AI & ML
K.R.Mangalam University
2022-2026

SKILLS

- Programming: C++ & Python
- HTML,CSS
- Libraries: TensorFlow, Keras, OpenCV, Dlib, MediaPipe ,scikit-learn, YOLO
- ML: Supervised & Unsupervised Learning, Model Evaluation
- Computer Vision: Object Detection, Image Processing
- Canva
- Soft Skills: Problem Solving, Time Management, Communication

PORTFOLIO LINK

https://ishita845.github.io/

About Me

B.Tech Computer Science (AI & ML) student with hands-on experience in developing AI-driven solutions. Passionate about machine learning, computer vision, and building impactful real-world applications. Proficient in C++ and Python, with projects in exam proctoring, sign language interpretation, and AR-based systems. Known for problem-solving, collaboration, and a strong drive to innovate.

PROJECTS

SIGN LANGUAGE INTERPRATOR

- Created a real-time sign language recognition system using MediaPipe and machine learning to convert hand gestures into text, enhancing communication for people with hearing impairments.
- Focused on accuracy, speed, and user-friendly design.

EXAM INTEGRITY AI

- Designed and implemented an AI-powered proctoring solution leveraging computer vision techniques such as head pose estimation, blink detection, and face counting using Dlib.
- Enabled real-time monitoring of online exams to detect suspicious behavior and uphold academic integrity, delivering a scalable and user-friendly remote supervision tool.

POERFOLIO WEBSITE

- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript to showcase projects, skills, and experience.
- Implemented responsive design and intuitive navigation for a professional and engaging user experience.

WellTrack — Healthcare Platform

- Contributed to the design and development of WellTrack, a secure healthcare platform enabling patients to access medical records, manage appointments and prescriptions, and communicate with providers.
- Integrated features include hospital comparison tools, first aid resources, and health education to support informed decisions and cost-effective care.