MANU ELDHO

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PROFILE SUMMARY

Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning. Experienced in developing AI solutions using machine learning, deep learning, NLP, and optimization techniques. Led technical organizations and educational initiatives, applying AI expertise to real-world projects and teaching.

ACADEMIC QUALIFICATIONS

Bachelor of Technology – Artificial Intelligence and Machine Learning
CGPA: 9.07 / 10   *Present*

PROJECTS

PAN CANCER ASSESSMENT USING EVOLUTIONARY ALGORITHM   April 2025
Objective: Developed a comprehensive approach to improve pan-cancer risk assessment by integrating deep learning models with evolutionary algorithms for enhanced accuracy in classification and prediction of cancer types across multiple datasets.
Tech: Python, Flask, Deep Learning, HTML, CSS, JavaScript

SYMPTOMATE   June 2025
Objective: Designed and implemented a smart healthcare chatbot capable of providing real-time medical assistance, symptom analysis, and emergency alert features, offering timely support to users.
Tech: Python, Gemini API, Streamlit, Maps

SIGN LANGUAGE TRANSLATOR   October 2024
Objective: Developed a hand signal recognition system using image classification to interpret sign language gestures. The model was trained using TensorFlow, with image data preprocessed via a custom hand-tracking module built using OpenCV.
Tech: TensorFlow, OpenCV, Python

TRAVEL COMPANION SYSTEM   April 2024
Objective: Developed a travel companion system to assist users in finding optimal transportation options, exploring nearby tourist attractions, and accessing essential travel-related resources for a seamless travel experience.
Tech: MySQL, HTML, CSS, Java Swing

CORE COMPETENCIES

Technical Skills: Python, C, SQL, R, NumPy, Pandas, Transformers, Matplotlib, TensorFlow, Git
Soft Skills: Communication, Time Management

CERTIFICATIONS

– "The Joy of Computing Using Python" – NPTEL, 2023

– "AWS Essentials – A Complete Guide" – UDEMY, 2025

WORKSHOPS AND COMPETITIONS

– Machine Learning Workshop – ENCIDE MACE, 2024

– Generative AI Workshop – ISTE MACE, 2024

– Cyber Security Workshop – ENCIDE MACE, 2024

POSITION OF RESPONSIBILITY

Program Lead – Indian Society of Technical Education   2025
Conducted workshops and inter-college events.
Co-mentored a hands-on Python boot camp conducted for junior students at college.