YUDEESWARAN V 221501182



**EDUCATION SKILLS**

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| Machine Learning Deep Learning HTML CSS SQL Python Java C Flutter Computer Vision | B.Tech Artiﬁcial Intelligence and Machine Learning Rajalakshmi Engineering College Chennai (2022-Present) 8.6 Higher Secondary TVS Higher Secondary School Madurai (2020-2022) 94% High School TVS Higher Secondary School Madurai (2019-2020) 92.4% |

**ACHIEVEMENTS PROJECTS**

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| IPC Hackathon - 2nd Prize @ Rajalakshmi Engineering College (2024) IEEE Breadths a National Level Symphosium , Ideathon - 2nd Prize@ Rajalakshmi Engineering College(2024) CryptoShield Hackathon - 1st Prize @ Amrita Vishwa Vidyapeetham (2024) | Acute Lymphoblastic Leukimia Prediction - Python,Tensorﬂow Developed a deep learning model leveraging VGG16 architecture combined with SVM for acute lymphoblastic leukemia (ALL) prediction using blood smear images. Cloth Renting Website - HTML,CSS,JavaScript,Flask Developed a fully functional website where users can buy and sell used clothes. The frontend was crafted using HTML and CSS to ensure a seamless user experience. Student Monitoring System Python,OpenCV,Yolov8 Developed an advanced system to monitor student behavior speciﬁcally in exam halls. This system employs real-time video analysis to detect and analyze student actions. Brain tumor Prediction Python,Tensorﬂow,OpenCV Developed a CNN model, we accurately detect and classify brain tumors from X-ray images, improving diagnostic accuracy in medical imaging. Our approach enables timely identiﬁcation and treatment of brain abnormalities, supporting better healthcare outcomes. |

**ORGANIZATION CERTIFICATES**

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| Core Member - AI Domain CoLead @ Intellexa REC | Supervised Machine Learning by Andrew NG Python For DataScience by NPTEL |

**INDUSTRIAL PROJECT**

Tyre Jam Prediction @ Apollo Tyres Private Limited (03/2024 - 04/2024)  
Developed a project for predicting tyre jams using HTML/CSS for frontend,  
Python Flask for backend, and incorporating OpenCV for real-time jam  
recognition, alongside YOLOv8 for precise prediction.

**INTERESTS**

Computer Vision  
Data Science  
Machine Learning  
Data Analytics  
NLP  
Image Segmentation  
Data Visualization  
Deep Learning  
DBMS