Darsh Sarju Shah

Roll No.: 20233516
Computer Science and Engineering
Your Course
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EDUCATION

•**Motilal Nehru National Institute of Technnology** *2023-Present*
 B.Tech and Computer Science and Engineering

•**Prakash Junior College of Science** *2021-2023*
 Higher Secondary School Certificate, Maharashtra

•**D.G. Khetan International School** *2011-2021*
 IGCSE, Maharashtra

PERSONAL PROJECTS

•**Car Counter using CCTV Footage**
 To develop a robust system capable of accurately counting vehicles in real-time from CCTV footage.

 − Tools & technologies used: Python , Tensorflow, Pytorch , Open-CV , Yolov8
 − The developed system demonstrated high accuracy in detecting and counting vehicles across various traffic conditions. Evaluation metrics, such as precision, recall, and F1-score, were calculated to assess the model's performance. The system was able to handle varying traffic densities, occlusions, and challenging lighting conditions effectively.

•**Customer Churn Prediction**
 Analyzes customer behavior data (e.g., purchase history) to identify patterns indicating potential churn

 − Tools & technologies used: Pyhton , Tensorflow , Keras
 − By effectively predicting and addressing customer churn, businesses can strengthen customer relationships, improve customer satisfaction, and drive long-term growth.

•**Person and Mask Detection**
 Utilizes computer vision to detect individuals wearing masks in public areas.

 − Tools & technologies used: Pyhton , Tensorflow , Pytotch , YOLOv8 , Open-CV
 − A custom dataset of images with and without masks was used to train a deep learning model. The model was able to accurately detect individuals wearing masks in real-time, making it a valuable tool for enforcing public health measures. .

TECHNICAL SKILLS AND INTERESTS

Languages: Pyhton , C ,C++ , JavaScript , Java
Developer Tools: Visual Studio Tools , Jyupter Notebook , Anaconda
Frameworks: Tensorflow, Pytorch , Keras , Open-CV , React
Cloud/Databases:Postgress SQL
Soft Skills:Communcation , Problem Solver, Adaptibility , Quick Learner
Areas of Interest:Machine Learning , Artificial Intelligence , Web Devlopment , Computer Vision

POSITIONS OF RESPONSIBILITY

•**Position:** Co-ordinator at Dangerass *2024-Present*