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| **VISHNU M**   |  | | --- | |  | | vk9255888@gmail.com | |  | | +91 807-394-9054 | |  | | Skills Java  Java Script  HTML  CSS  Machine Learning  Python  Tensorflow  Deep Learning  Open CV  Flask  Numpy  Pandas  SQL  Sklearn | |  | |  | |  | | --- | | ExperienceINTERNSHIP I developed a powerful machine learning model using tensorflow which is capable of accurately detecting vehicle number plates from fuzzy and noisy images or videos. I incorporated Recurrent Attention model which uses transformers into the OCR process to handle challenging scenarios with blur and noise, making the previously unreadable number plates easily detectable lot of techniques and deeplearning architecture such as attention models & transformers. | | Education ENGINEERING –CSE{AI AND DATA SCIENCE},REVA UNIVERSITY, BENGALURU courses :-CS50 Introduction to Python, Harvard University  :-CS50’S Introduction to Artificial Intelligence with Python, Harvard University. | | REsearch works As a tech enthusiast and collaborative team player, I co-authored and successfully presented a research paper at an IEEE conference, titled “Voice Assisted Object Detection for Visually Impaired” Our project focused on developing an innovative object detection model using MobileNet SSD architecture. We trained the model wit VOCO and COCO data sets, leveraging its lightweight design and accurate results for easy deployment on embedded devices.  One of the standout features of our project was the design of an algorithm that provided audio output for distance and direction of detected objects from the camera. Remarkably, this voice assistance system required no external hardware, making it a fully offline and efficient solution. This accomplishment reflects my passion for leveraging technology to create meaningful solution that positively impact the lives of others | |