PAVITHRA E

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🎗 CAREER OBJECTIVE

Eager to apply my technical skills and innovative mindset to drive advancements in AI technologies while contributing to The growth and success of a progressive organization.

📑 PAPER PRESENTED

Won **2nd prize** in the Intra departmental technical symposium "Newell 2k23" in the topic "Image to Audio"

Presented paper in FIESTAA 23 on the topic "Language Identification using Machine Learning" at KPR Institutions.

📚 AREAS OF INTEREST

Machine Learning

DBMS

🧠 SKILLS

Programming Languages
C
Python
Java

Frontend
HTML
CSS
React- Basic

🎓 EDUCATION

B.Tech., Artificial Intelligence and Machine Learning
Kongu Engineering College
2021 – present
CGPA of 9.62 (till 5th semester)

HSC
Sri Rajarajeswari Matric Hr Secr School
Percentage : 93.4%

SSLC
Sri Rajarajeswari Matric Hr Secr School
Percentage : 92.8%

📁 PROJECTS

IDENTIFICATION OF LANGUAGE USING MACHINE LEARNING
This project involves training machine learning models to accurately identify languages from text samples.
Technology used : Classification algorithms like Decision Tree, Random Forest, Logistic Regression were used.

STUDENTS PERFORMANCE ANALYSIS USING MACHINE LEARNING
Technology used : Classification algorithms were used.

REAL TIME HAND GESTURE RECOGNITION USING DEEP LEARNING
Technology used : OpenCV, Convolution neural networks(CNN)

AUTOMATIC CROP HARVESTER
Software used : Arduino IDE

IMAGE TO AUDIO
The approach employs pre-trained Vision Encoder-Decoder model with ViT and GPT-2 for image captioning, utilizing Hugging Face Transformers library. Generated captions are then converted to speech using GTTS for accessibility.

🎗 AWARDS

Academic Excellence Award for the Academic Year 2022-2023

Won 1st prize in Business Plans
Business Idea - The idea is to build a restaurant completely run by robots