

Naveen Kumar R

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Profile

I am a passionate Computer Science and Artificial Intelligence student with a strong foundation in programming, data structures, and machine learning. I enjoy solving real-world problems using technology and am eager to apply my skills in projects, internships, and research opportunities. I am a quick learner, team player, and always curious to explore the latest advancements in AI and computer science.

Education

B.E in Computer science and Artificial intelligence, Maharaja Institute of Technology 2022 – 2026
Mysore, India

PCMB, Good shepherd PU college Ammathi, Coorg Coorg, India

Skills

Programming :

Python

Web :

HTML , CSS , Javascript

Database :

MySQL

Data Visualization :

PowerBi , Tableau

Languages

- English
- Hindi
- Kannada
- Tamil

Interests

- Drawing, Dance, Listening Music, Learning New Skills, Playing Cricket

Projects

Image Segmentation by Clustering and Preprocessing, using K-Means clustering to group similar pixels.

Preprocessed images for better accuracy, aiding in object detection and computer vision tasks.

Technologies: Python. Jupyter Notebook, OpenCV, Clustering Algorithms

Carbon Footprint Optimization in Supply Chain Logistics,

Built a web app to estimate CO₂ emissions for trips using machine learning.

Users can enter route or trip details to get quick, accurate emission predictions.

Technologies: Flask, PyTorch, and Google Maps API to estimate CO₂ emissions for trips

Bird Species Classification using convolutional neural network,

A deep learning project utilizing ResNet-50 to classify images of 100 different bird species.

This model uses transfer learning with data augmentation, learning rate scheduling, early stopping, and cross-entropy loss to achieve accurate classification.

Certificates

- Python
- Data security