PRABHASH PADHAN

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Hyderabad

Profile

A passionate AI and Data Science enthusiast with a B.Tech in Mechanical Engineering from IIT Hyderabad.Skilled in Python, Machine Learning, Deep Learning, and Software Development, with hands-on experience in AI-driven projects, data analysis, and algorithm optimization.

Projects

AI powered waste sorting system — 2025-present
Develop an AI model that uses computer vision to classify waste into recyclables, compost, and landfill categories.

Uses Python, PyTorch, OpenCV, Flask for deployment.

Text summarizer — 2024-2024
AI model which summarize long text into shorter format .

Uses Python, Tensorflow, Flask

PDF to audio — 2023
It uses PyPDF2 and puttsx3 to read PDF and turn it into audio files.

Uses Python

Toxic comment classification — 2023-2024
It uses keras and sklearn libraries to classify comment into different categories .

Uses Python,Keras

Education

IIIT HYDERABAD-M.TECH,2025-2027

IIT Hyderabad — B.Tech,2025

Skills

Python,C+,HTML,CSS,JS,SQL(MySQL,NoSQL),AWS,ReactJS,Git,AutoCAD,Solid Edge, Ansys

Awards

Codeforces Edu round 175(div2) rank-908

Language

English,Japanese,Korean,Hindi