Pratyush Kashyap Mishra

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Education

VIT Bhopal University   Bhopal, Madhya Pradesh
BTech   Expected May 2026
Computer Science and engineering (AIML)
Cumulative GPA: 8.23/10

12th Standard
Bhavan's B P V Mandir   Nagpur, Maharashtra
CBSE Percentage: 77.6%   Jul 2022

10th Standard
Delhi Public School   Nagpur, Maharashtra
CBSE Percentage: 94.6%   Jul 2020

Projects

Garbage dump yard detection   Sept 2024 – Ongoing
- The roadside garbage detection project utilizes artificial intelligence to identify and capture images of garbage dump yards along roadsides. The system employs computer vision techniques to detect waste and generate alerts for prompt clean-up actions. By automating the process of monitoring garbage, the project aims to enhance the efficiency of waste management and maintain cleaner environments.
- ML Experience with supervised and unsupervised learning techniques to train and optimize detection models.
- Collecting and annotating a comprehensive dataset of roadside images with labeled garbage instances for training the AI model.
- Computer vision methodologies to process and analyze images captured by the system.

Extracurricular

Vitronix Club – Circuit Sprints   July 2024- Jan 2025
- Organized fundraising initiatives and campaigns to supplement the event's budget, enhancing the overall financial stability.
- Identified and approached potential sponsors, presenting compelling proposals to secure financial support and in-kind contributions for the event.

Certifications and Training

- Successfully completed a course in python programming.https://www.coursera.org/account/accomplishments/certificate/4TNGA55CKASG
- Attained a completion certificate in web data using python. https://www.coursera.org/account/accomplishments/certificate/W48MUYGQD8BY
- Acquired Machine Learning critical thinking in python.https://www.coursera.org/account/accomplishments/certificate/JVNV4F7SLZ2M

ADDITIONAL

Technical Skills: Java, Python, Excel, DSA
Languages: Fluent in Hindi, English