Pranjal Sharma

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EDUCATION

VIT Bhopal University	Bhopal, MP
Bachelor of Technology in Computer Science	*8.11 CGPA (Ongoing)*
Amresh Sharma Public School	Bhilai, CG
Higher Secondary(CBSE Board)	*77.8% (May 2022)*
Gurukul Public School	Kawardha,CG
Higher Secondary(CBSE Board)	*84.2%(May 2020)*

EXPERIENCE

ML Intern — Jan 2025 – Mar 2025
EduNet Foundation — *Remote internship*

- Worked closely with team for developing disease prediction outbreak model
- utilized different techniques for increasing performance and accuracy of the model
- Explored DevOps and best practices of developing and collaborating in a project on Github

Technical Intern — Dec 2024- Jan 2025
Indian Space Labs — *Remote internship*

- Learned about technical aspect required in the field of space science
- utilized available satellite data for understanding affect of aerosols with help of deep learning and image processing
- contributed in the field of atmospheric aerosol deposition and its consequences on the pollution environment

PROJECTS

GHOST | *Python, Flask, Arduino* — Aug 2023 – Oct 2023

- Description: Celestial object tracking device
- Technology: JavaScript, Python, Electrical Circuits
- Mark celestial body with help of stellarium API

Ayurvedic Plant Classification system | *Squential,DL, Python, Sockets* — Dec 2024 – Jan 2025

- Classification model for ayurvedic plants with description about the plant using LLM model
- Integrated ollama model for LLM and fetching description for plants
- ResNet 50 and CNN are utilized for acurate prediction

LIDAR with face tracking | *Python,CV2,YOLO v5* — Apr 2024 – May 2024

- using ML model to detect and track unique face with LASER
- Specific face tracking and detection using LASER beam
- using ML model to detect and track unique face with LASER

SKILLS

Python (Numpy, Pandas,PyQt5,Tkinter,Open CV, Tensorflow), SQL, C (language),HTML CSS , React, Arduino