Vikash Oraon
B.Tech in Information Technology
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Undergraduate - Third Year
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GitHub
LinkedIn
CodeStudio

ACADEMIC DETAILS

Education	Stream/Board	Institute/School	Year	Percentage %
B.Tech	Information Technology	Birla Institute of Technology, Mesra	2021-2025	7.80
Class XII	Science(PCM)/CBSE	Tender Heart Sr. Sec. School	2020	84.0
Class X	CBSE	Tender Heart Sr. Sec. School	2018	91.4

FIELDS OF INTEREST

- Software Development, Machine Learning, Computer Vision

TECHNICAL SKILLS

- **Languages** (C, C++, Java, HTML, Python), **Database** (MySQL), **Script** (Python, Shell), **Tools and Libraries** (numpy, pytorch).

MY PROJECTS

- **Machine Transliteration** (Machine Learning Project)
  - Objective :Translating from English to Hindi keeping the pronunciation same. .
  - Worked using Pytorch, Python, Jupyter Notebook, numpy and some more libraries.
  - Studied Natural Language Processing in my 5th Semester and read various papers related to transliteration..

- **Real-time Sign language Interpretation using ML and CV.** (Machine Learning and OpenCv Project)
  - Objective :To develop a robust real-time sign language interpretation system using machine learning (ML) and computer vision (CV) techniques to facilitate seamless communication between deaf or hard-of-hearing individuals and those who do not understand sign language. .
  - Worked using OpenCv, mediapipe, numpy, scikit-learn, pickle and some more libraries.
  - Studied some articles on computer vision, mediapipe, how landmarks are drawn on hand,etc..

EXPERIENCE

- **Intern at TATA MOTORS** (2months)
  - The requirement was to create a prototype to count the holes, its diameter and position for quality control of frames. The holes were made by the the 5000Ton press on the frames. .
  - Worked using OpenCv, pypylon, numpy, snap7 and some more libraries.
  - Used Basler acA 1200-60gc industrial camera and jetson orin nano developer kit which had ubuntu Operating System. Surfed internet and read articles on openCv, ComputerVision..

RESPONSIBILITIES

- Worked as the Sports Secretary in Senior Secondary.

- Presented a play for our seniors in their farewell which was directed by me.

STRENGTHS AND ACHIEVEMENTS

- Positive Attitude, Social Interaction, Hardworking.
- Successfully completed internship program in Machine Learning with Python.
- Participated in Machine Learning with Python held by Coincient.
- Played as the substitute player in the zonal football tournament held in our college and received a certificate.

INTEREST AND HOBBIES

- Playing football.
- Listening to music.
- Watching movies.
- Crafting.