

Vikash Oraon
B.Tech in Information Technology
Birla Institute of Technology, Mesra
Undergraduate - Third Year
Email-id : vikashoraon455@gmail.com
Mobile No.: 7667529793

GitHub
LinkedIn
CodeStudio

ACADEMIC DETAILS

Education	Stream/Board	Institute/School	Year	Percentage %
B.Tech	Information Technology	Birla Institute of Technology, Mesra	2021-2025	7.73
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

- Cybersecurity, Software Development

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..
- **SOENEN hole counting and positioning system implementation using openCv** (ComputerVision Project)
 - Objective :To implement a code and make a prototype to count the number of holes, their diameter, and coordinates after the holes are punched on the frames by the press. And to display the output on the (simple)dashboard. .
 - Worked using OpenCv, pypylon, numpy, snap7 and some more libraries. Snap7 was used to make the interaction with the PLC for taking the input through the PLC Flask was also used to link a HTML template to display the output.
 - Used Basler acA 1200-60gc industrial camera and jetson orin nano developer kit which had ubuntu Operating System. Surfing internet and read articles on openCv, ComputerVision..

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.
 - Studied computerVision and read various papers related to Machine Learning and 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.