Ayush Kumar Karn

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Education:

Course	College/School	Year
Bachelor of Technology (CSE)	College of Engineering Roorkee	2022-2026
SSC (XII)	Diksha Rising Stars Public School	2021-2022
HSC (X)	Diksha Rising Stars Public School	2019-2020

Projects:

- **Drowsiness System Analysis**

  This project is under the guidance of Dr.Kamal Kumar Gola , Dean DRC Committee , Dept.CSE, COER University

  Working on this project as a Team

  • Using Yolo Technology for the detection of drowsy and non-drowsy eyes.

  • This project is also for our ongoing Research work in this area.

- **Landmine Detection Using Drone**

  This project was guided by Dr. Mridula Singh, Dean IQAC, COER University.

  Coordinated and worked on this project as a team leader.

  • Tried to do something out of the current domain.

  • This is a hardware project which uses drone technology to detect landmines

- **Blood Cancer Prediction Using Machine Learning**

  This project was guided by Ms. Priyanka Suyal, Assistant Professor, Dept.CSE, COER University.

  Completed this project in a team for the fulfilment of the Project Based Learning.

  • Used Machine learning technology to detect this deadly disease.

  • Leveraged ensemble learning techniques to enhance the accuracy of blood cancer prediction models, facilitating early detection and intervention.

Technical Skills:

Programming Languages: Python, SQL, C/C++, HTML, CSS, JS

Data Analysis/Exploration: Pandas, NumPy, Matplotlib, Excel

Tools: Jupyter Notebook, VS Code, Git, GitHub

Strengths:

- Creative Problem Solving
- Strong Leadership
- Time management
- Team Oriented

Certificates/Additional Qualification

• Developer Virtual Experience by Accenture

• 4 Star Coder on Hacker Rank (Python)

• Python Certified Hacker Rank

• SQL Certified SoloLearn

(Ayush Kumar Karn