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## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	Bachelor's in Computer Science	Graphic Era Hill University Dehradun	7.2 / 10
2020	CBSE, Intermediate(PCM)	D.A.V. Public School Narwana	71.2%
2018	CBSE, Matriculation	Kasauli International Public School	82%

## PROJECTS

### Face Detection Application (Python) Nov'22-Jan'23

- Developed a real-time face detection application using Python and OpenCV.
- Implemented face detection algorithms, primarily utilizing Haar Cascades for accuracy.
- Integrated a user-friendly interface with PyQt, ensuring positive feedback on usability and performance.

### Credit Card Fraud Detection (Machine Learning) Nov'22-Jan'23

- Engineered a machine learning solution for credit card fraud detection.
- Utilized advanced algorithms, including **Random Forest** and **Gradient Boosting**, showcasing strong data analysis and modeling skills.
- Implemented the solution in **Python** using libraries such as **Scikit-learn** and **Pandas**, achieving high accuracy in identifying fraudulent transactions.

### Online Connect 4 Game (Python) Nov'22-Jan'23

- Developed a multiplayer Connect 4 game in Python with an online functionality.
- Implemented socket programming for real-time communication between players.
- Utilized object-oriented programming principles for a modular and scalable game structure.

## SKILLS

**Programming Languages** C++, C, Java, Python, HTML, CSS, JavaScript, SQL

**Libraries/Frameworks** Pygame, Pandas, Socket.io, OpenCV

### Others:

- Understanding of HTML, CSS, React and Database Management System
- Execute test cases (manual or automated) and analyze results.
- Comfortable with Agile development.
- Fluent in SQL, JAVA, C++, and Python software and systems.
- Work with cross-functional teams to ensure quality throughout the software development lifecycle
- Fundamental networking knowledge of TCP/IP, ARP, IP Tables, routing and working knowledge of routers, switches, firewalls/VPNs
- Basic networking knowledge, including TCP/UDP, how ARP and the routing table work, and some understanding of higher-level protocols like HTTP and DNS

## EXTRA CURRICULAR ACTIVITIES

- Gymming:** Participate in exercise activities on a regular basis while exhibiting self-control, reliability, and a dedication to preserving your physical and mental health.
- Technical Member ACM Graphic Era Hill University
  - Played a crucial role as a highly skilled **technical member** contributing to various high-profile events hosted by **ACM-Gehu**.
  - Demonstrated adept **team skills and technical prowess**, skillfully orchestrating and leading successful gatherings with precision.