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EDUCATION

•NIT Hamirpur *2025*
B.tech in Electronics and Communication Engineering CGPA: 8.34

•Delhi Public School, Ranipur *2020-21*
CBSE, Uttarakhand Percentage: 95.6

•Delhi Public School, Ranipur *2018-19*
CBSE, Uttarakhand Percentage: 91.4

PERSONAL PROJECTS

- **Deep Steganography for Video**

  A research project for deep steganography for video which will help in cyber security (Made the ML model)

  - Tools & technologies used: Google colab pro, Python, Jupyter Notebook, tensorflow
  - Steganography is the practice of concealing sensitive information within common files of the same or distinct types.We built a new architecture that is encoder-intermediate-decoder network for deep steganography.

- **Wise Hand**

  a tool to help autistic kids leave their habit of hand flapping(complete infrastructure of the hardware model)

  - Tools & technologies used: Arduino IDE and kotlin, buzzer, MPU6050 module, Node MCU, figma
  - The project contains a module which is a wrist band which will detect the hand flapping motion caused by autism in children and will alert the child with buzzer to stop the motion. The project also contains an app which will fetch the data from the hardware and will store it for analysis.

- **OnePiece Game**

  It is an interesting game made using html, css and javascript.)

  - Tools & technologies used: HTML, CSS, Javascript, JQuery

- **Music Player**

  It is a user interface of a Music Player made using html, css and javascript.)

  - Tools & technologies used: HTML, CSS, Javascript, JQuery

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, Javascript, HTML5, CSS3
Developer Tools: VS Code, Google Colab, Arduino IDE, MySQL, Latex
Frameworks: Bootstrap, Tailwind, Tensorflow, JQuery, Node.Js, React.Js
Others: Data Structures and Algorithms
Soft Skills: Leadership, Event Management, Public Speaking, Time Management, Teamwork
Areas of Interest: Development, Machine Learning

POSITIONS OF RESPONSIBILITY

- **Executive Member at Team Vibhav** *(Dec 2022 - present)*

  Departmental Club of Electronics And Communication NIT Hamirpur
  - We organize many events on the actual three days of Nimbus (the annual tech fest of NITH), which are aimed to provide a fun-filled but still quite informative experience of Electronics and many other domains.
  - We build numerous use-case projects that represent NIT Hamirpur.

- **Volunteer Member at Team Vibhav** *Mar 2022 - Dec 2022*

  Departmental Club of Electronics And Communication NIT Hamirpur
  - We organize several events that include some electronic games and a day of exciting games for everyone in honor of the establishment of our club.
  - We also run a social campaign called "Pahal" to educate people about the useful technological advancements all around them.

ACHIEVEMENTS

- **Electrothon 5.0** Winners in the domain "Health and Hygiene" *April 2023*

- **Nimbus 2023** Best Departmental Team *April 2023*