ABHISHEK KUMAR

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ABOUT ME

Motivated college Student Majoring in Mechanical Engineering At national Institute of Technology Hamirpur . Seeking an Opportunity to leverage my skills and knowledge as an Intern . A student driven to contribute and learn as much as possible.

EDUCATION

- **National Institute of Technology Hamirpur**   **Himachal pradesh ,India**
  Bachelor of Technology -Mechanical Engineering | GPA : 8.31 | [Dec 2020 -june 2024]
- **Mount carmel school**   **Himachal pradesh ,India**
  Intermediate of Science May 2018 | Palampur, Kangra | [Dec 2004 -April 2018]

SKILLS SUMMARY

- **Programming Languages:** C++/C, Python , HTML , CSS
- **Data Analysis:** Excel , Python , DBMS
- **Designing:** Solidworks , Ansys
- **Robotics:** Arduino , BCI
- **Tools :** Git , Github , Codelite
- **Soft skills :** Leadership , Event Management , Time Management , Problem Solving

EXPERIENCE

Intern   **SkillTern**
Python   *june 2022 to july 2022*
- Performed Data Analysis, with various libraries and created projects.
- Built a language learning game and Pomodoro Gui App.

PROJECTS

Brain control drone
Hardware project   *Dec 2022 -Present*
- Integrating EEG sensors with transmitter of drone .
- The Brain-Computer Interface (BCI) helps people to make use of the devices and applications through their mental activities.

VTOL (Vertical takeoff and landing)
Hardware project   *Feb 2023 to Present*
- Configuration to provide vertical take-off and landing capability, as well as horizontal propulsion through the air in a similar way to a conventional helicopter.

Employee/Employer
Website   *Nov 2022 to Dec 2022*
- A Website that helps users to find a job related to their skills.
- You can also post a job to heir other people.

VOLUNTEER EXPERIENCE

Robotic society
Nith   *Dec 2021 - Present*
- Currently working on projects like Brain control drone and pick and place Bot.
- Coordinator at robotic society and Conducted workshops , Robo-week and various other events.

Team Medextrous
Nith   *Jan 2022 - Present*
- Participated in NIMBUS (Technical Fest Nith) and created projects (Octocopter Drone and Nitinol Engine).
- Coordinator at Team Medextrous and conducted Workshop , Events and Promotions.

HONORS AND AWARDS

- Secured 17th rank in Electrothon online hackathon competition out of more than one 200+ teams
- Won first prize in line-follower at Xpecto'23 by IIT MANDI.
- Qualified gate 2023 in Computer science and Engineering

OTHER HIGHLIGHTS

- Competitions - Participated in different coding contests (leetcode 100+ questions) and designing contests (Nitinol engine design).
- Languages - English: professional proficiency , Hindi: native .
- Hobbies - Playing football , running , listening .