

# Arjun Thakur

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## EDUCATION

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- **Kendriya Vidyalaya** mandi, HP  
*Schooling; percentage: 93.6*  
*Class Monitor, House Captain, School Captain* 2008 - 2020
- **National Institute of Technology** Hamirpur, India  
*B. Tech in Mechanical Engineering, CGPA: 8.99*  
*First in class of 126* 2021 - Present

## SKILLS SUMMARY

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- **Languages:** Python 3 (numpy, pandas), C++, C, MySQL, Typescript, Javascript, HTML, CSS
- **Framework:** Reactjs, Next js, Angular14, TailwindCSS
- **Soft Skills:** Time management, Communication, Leadership
- **Tools:** Git, Github, npm
- **Platform:** Windows, Ubuntu, CentOS, Debian

## EXPERIENCE

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**Intern** May 2023 - July 2023  
Vihaas Design Technology

- **Embedded Support:** Worked on adapting Linux kernel 3.10 and U-Boot 2014.9 to provide comprehensive support for the Mindspeed Comcerto 300 platform.
- **PBX Machine GUI Project:** Developed an extensive and user-friendly Graphical User Interface (GUI) for Private Branch Exchange (PBX) machine using JavaScript, HTML, CSS, and PHP.

**Coordiantor** Jan 2022 - Present  
Robotics Society NIT Hamirpur

- **RoboWeek 2.0:** We organized a national-level event called RoboWeek 2.0 that attracted over 4000 participants from 300+ colleges. As part of the event, we hosted HuntNova, which had over 300 registrations. I also created a problem statement and designed a circuit solution using Tinkercad. Additionally, I designed the main website for the event.
- **1st-year Workshop:** We organized a workshop for first-year students, which attracted more than 250 registrations. The workshop included a demonstration of our line follower bot and provided participants with guidance on building their own bot.

## PROJECTS

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- **Drone:** The fully functioning drone was developed, incorporating a Flysky remote controller and electronic speed controllers to regulate the BLDC motors. The project involved using a KK 1.1 flight controller to establish basic functionality and ensure successful completion. (Mar 2023)
- **Roboweeek 2.0 website:** The website, which served as the main platform for the Roboweeek 2.0 competition, was successful in handling the heavy traffic and registration load. Its user-friendly interface, developed with React.js, contributed to its popularity among the competition participants, resulting in over 4000 registrations.(Mar 2022)
- **Personal Portfolio:** The personal portfolio website, built with React.js, was enhanced with the integration of several React packages such as emailjs, scroll spy, and react-aos. It offers an intuitive and interactive user experience and showcases the owner's skills and accomplishments. The website is hosted on Netlify, ensuring its accessibility to a wider audience. (Oct 2022)
- **Robotics Society website:** The official website for the Robotics Society at NITH is developed using React.js, providing information about the society's initiatives, events, and projects. The website's dynamic features and intuitive interface ensure a user-friendly experience for visitors. It also serves as a platform for members of the Robotics Society to collaborate and exchange ideas.(Mar 2022)

## ACHIEVEMENTS

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- Contributor at Oppia
- Ranked 1st among a batch of 126 students in my Mechanical Engineering Branch.
- Ranked 2nd in the quiz at the national science congress and social science exhibition.