HARSHIT KUMAR SHARMA

**ELECTRONICS AND INSTRUMENTATION ENGINEERING**

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# WORK EXPERIENCE

# Instrumentation Intern, Bajaj Hindusthan Sugar Ltd. (June 2024 - July 2024)

* Completed 4-week summer training and internship, gaining hands-on experience in instrumentation and process control.
* Demonstrated strong work ethic and dedication, contributing to the organization's operations.

# RELEVANT PROJECTS

## School Website Project (HTML, CSS, JavaScript, MongoDB) Jan 2024

## Built a responsive school website, enhancing user experience with interactive features.

## Utilized MongoDB for secure data management, storing student information and event details.

## Ensured cross-browser compatibility and optimized performance for various devices.

## LPG Gas Detector Project (Arduino, Proteus) Dec 2023

## Developed an LPG gas detector using Arduino and sensors for real-time monitoring.

## Simulated and tested the circuit in Proteus before hardware implementation.

## Programmed Arduino to trigger alarms upon detecting hazardous gas levels.

## Simple calculator using (HTML, CSS, JavaScript) July 2023

Created a calculator using HTML, CSS, JavaScript, featuring basic arithmetic operations with a user friendly interface. Demonstrated proficiency in HTML, CSS, JavaScript for practical applications.

**Multiple electronics projects using Proteus, Multisim, LabView**

# EDUCATION

## Bachelor of Technology, NIT Nagaland

## CGPA: 9.03

## 2021 - 2025

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| [**Higher Secondary School**](https://drive.google.com/file/d/1-WFyfLOIKv-zWRSNO4RQU6GCf3e32EbA/view)  +2 High School Bhabua  Percentage: 75.8 | **2019 – 2020** |
| [**Secondary School**](https://drive.google.com/file/d/1-SI5EchqpUf8x1uNyDmQqPX77BfDlaAj/view?usp=drivesdk)  I V ACAD ROJA RD BHAGWATI VR SASARAM ROHTAS BR  Percentage: 68.8 | **2017 – 2018** |

# SKILLS

* **Technical Skills:** Python, SQL, Web. Dev. (using Html, CSS, JavaScript, Node.js, MongoDB), Proteus, LabVIEW, Multisim
* **Codechef rating:** 1300+

# ADDITIONAL INFORMATION

* **Languages:** English, Hindi
* **Hobbies:** kabaddi, Badminton, Video Games
* **Strengths**: Problem Solving, Programming, Leadership
* **Volunteered:** Publicity Secretary, Organized multiple sports and cultural events
* **Mini-projects:** Electronics projects using Proteus, Multisim, LabView