

## SKILLS

Programming :- C/C++, Python, Web Development (Frontend + NodeJs, Angular, MongoDB)

Mechanical :- Solidworks, Ansys( Static Structural, Thermal)

Others :- After effects, Photoshop, Premiere Pro, Filmora, Canva, Kali Linux

## EXPERIENCE

- Formula Bharat Car** April,2021–December 2021  
Club Project, Under Miss Rashi Sahu, NIT Raipur
  - Improved different components of brakes sub-system to achieve a shorter braking distance under cost constraints.
- SAE BAJA All-Terrain Vehicle** May,2021–January 2022  
Club Project, Under Mr Saket Tupkari, NIT Raipur
  - Designed a modular brake pedal with variable pedal ratio to improve efficiency of brakes.
  - Performed Structural and Thermal analysis to optimize the design.
- Graphic and Video editor at Startup** June,2021–November 2021  
Freelance Work, Under Mr Hemant Sahu, Coursite
  - Designed a logo that represented the views of the company.
  - Edited video lectures & explained concepts using vector arts and animation.
- Hydraulic Maze Game** October,2019  
Science Project, Under Dr. Menka Verma, Shantiniketan public school
  - Lead a team of 7 people to create a Ball maze game that operates on hydraulics made by syringes.

## EDUCATION

Degree / Certificate	Institute / Board	CGPA / Percentage	Year
B.tech Mechanical	NIT Raipur	7.95	2020 - Present
Senior Secondary	CGBSE	78.86	2020
Secondary	CGBSE	76	2018

## ACHIEVEMENTS / EXTRACURRICULARS

- Silver medal in the International Math Olympiad.
- Holds the title for 'Creative Mind' for an greenery event organized under Digital India campaign.