

HARISH CHANDRA BARSARA

MECHANICAL ENGINEERING STUDENT

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ABOUT

A mechanical engineering enthusiast with quick learning skills and a huge interest on knowing and learning about the emerging Manufacturing and Design sector and eager to know in coding field. I am comfortable with software such as AUTOCAD, Fusion 360, SOLIDWORKS etc. Qualities like good communication and listening skills, good managerial skills amongst a team, discipline and diligent in work are something which I possess within. I am a multitasking person.

EXPERIENCE

Summer Intern at ONGC KOLKATA (15th June – 16 July)

DRILLING – During this internship I gained deep understanding of oil and gas industry with practical knowledge. I gained knowledge of drilling techniques, equipment handling, surface chemist, geo physics in oil exploration and safety protocols. Here I developed problem solving skills demonstrated adaptability in a dynamic work environment, team work and time management.

Fusion 360, Autodesk Coursera (NOV 2022 – JAN 2023)

Tools design – In my experience have gained expertise in creating and manipulating 3D models, designing assemblies, and simulating product performance. I have developed the ability to analyse and optimize using the manufacturing software's built-in CAM features.

NSCC Marketing Head (OCT 2022 - PRESENT)

PR Head – NSCC is coding club of our college. I gained communication, Leadership, event management, branding skills here.

Robotics club member (FEB 2023– PRESENT)

Mechanical and coding field- I have developed a strong understanding of working system of robotics. I have developed my skills to design a robot or its part using 'fusion 360' or AutoCad. And some knowledge about programming functionalities. I gained solid foundation in both hardware and software aspects of robotics. And create a leadership skill by participating in many projects and competitions.

NCC CADET- (NOV 2021 – PRESENT)

CADET - I have completed the B certificate exam and am currently preparing for the C certificate exam. I have also participated in several NCC camps, where I developed skills in leadership, teamwork, and discipline. My experience in the NCC has taught me the importance of responsibility, perseverance, and dedication in achieving goals

PROJECTS

PORTFOLIO WEBSITE – I have recently created a portfolio website that showcase my skills and achievements, featuring a fully responsive web design. With carefully curated sections including Home, About, Education, Skills, Projects, and Contact. I have created it using HTML, CSS, basic JS.

ROBOTICS CLUB WEBSITE -- I have a main volunteer for creating a website for our club that showcases the club's activity and achievements. This

EDUCATION

National Institute of technology Arunachal Pradesh (2021-2025) (B. Tech.)

CGPA – 8.51 (top - 4) Till now

Matrix high school, Sikar, Rajasthan (12th class) (2020) RBSE Board

Score – 85% (Highest in Batch)

Shree Shyam Public School Sikar, Rajasthan (10th class) (2018)

Score – 91.17%

(Highest in School and Tehsil)

HOBBIES

- SOCIAL MEDIA MARKETING
- READING SELF DEVELOPMENT
- BOOKS
- PLAYING CRICKET
- GAMING

LINKS

- LINKEDIN -- [CLICK HERE](#)
- PORTFOLIO -- [CLICK HERE](#)
- INSTAGRAM -- [CLICK HERE](#)
- TWITTER -- [CLICK HERE](#)
- FACEBOOK -- [CLICK HERE](#)
- GITHUB -- [CLICK HERE](#)

website serves as a central hub of information, providing visitors with insights into our club's mission, goals, and upcoming events.

DESIGN TOOLS USING FUSION 360 – I have created many tools and equipment using fusion 360 software. I have designed 3D models and prototypes.

DRILLING RIG AND IT'S EQUIPMENTS – During my internship in ONGC Kolkata, I had the opportunity to work on a project focused on drilling rigs and their equipment. In this project I have study about various operation during drilling and exploration of oil and gas industry. I study about complexities involved in rig operations.

FOOD WEBSITE – I have created a food website that contains all sections like Home, Services, Order food, Menu and Contact us. I have created it using CSS, HTML, JS basic and it is fully responsive website.

OTHER – I have created some other small projects like calculator using HTML, CSS, JS basics that can perform any mathematically operation like +, -, *, % easily.

SKILLS

PROGRAMMING

LANGUAGES – C, JAVA, PYTHON, JAVASCRIPT(BASIC)

WEB DEVELOPMENT – HTML, CSS, JS, REACT

DESIGN SOFTWARE --

AUTOCAD, FUSION 360

TOOLS AND TECHNOLOGIES –

VsCode, GitHub, Google Colab, MS office, Excel

OTHERS –

Problem Solving, Leadership, Time Management

certification

1. Mechanical engineering design and manufacturing with fusion 360. (Autodesk)
2. Summer internship ONGC
3. Python (HackerRank)
4. Structured programming (c language)
5. Rajasthan State certificate in information technology (RSCIT) RKCL
6. HTML, CSS, Javascript for web developers (johns Hopkins university)