



HARSH CHOUHAN

CONTACT

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📅 3 Dec '02

in [LinkedIn](#)

SKILLS

- Python • Embedded C++
- Matlab • SQL • Arduino
- EasyEDA • Proteus
- Excel • Figma • Git/GitHub

COURSEWORK

- Machine Learning • IOT
- Computer Vision
- Data Analysis
- Raspberry pi
- Computer Networks
- Embedded Systems
- Microprocessors and Microcontrollers

HOBBIES

- Travelling • Badminton
- Graphic Designing

OBJECTIVE

Eager fresher with a strong passion for applying engineering principles seeks a role at Siemens to gain valuable experience and contribute to innovative projects. Aiming to learn and grow within a dynamic team, while actively participating in engineering tasks, problem-solving, and technical discussions to support Siemens' mission and objectives.

EDUCATION

Yeshwantrao Chavan College of Engineering, Nagpur, MH	Aug 2020 – Present
B.Tech - Electronics and Telecommunication	8.68/10
Kendriya Vidyalaya Shalimar Bagh, Delhi	Apr 2019 – Mar 2020
XII (HSC) - PCM	83.5%
Kendriya Vidyalaya No.01, Chhindwara, MP	Apr 2017 – Mar 2018
X (SSC)	91.00%

INTERNSHIP EXPERIENCE

Defence Research and Development Organization DRDO, Delhi	Jul 2022 – Aug 2022
Research Trainee	
<ul style="list-style-type: none">• Conducted research on Radar Systems and analysis of the effects of parameters on Radar and Jammers.• Gained valuable insights into modern warfare and defense strategies, exploring the applications of advanced radar technology. Skills: Python (Matplotlib), Data Visualization	
The Sparks Foundation Google Developer Student Club	Aug 2022 – Dec 2022
Web Developer Graphic Designer	
<ul style="list-style-type: none">• Developed and implemented responsive websites utilizing HTML, CSS, and JavaScript, ensuring optimal user experience and seamless functionality.• Designed eye-catching posters and advertisements for the team, showcasing creativity and attention to detail in visual communication. Skills: Figma, Canva	

PROJECTS

SMARTLINK: Simulated Home Automation	Apr 2023
<ul style="list-style-type: none">• Smart Home Appliances can be operated with the help of a Smartphone or with a Laptop through the server. An Internet connection must be required.• Skills : Cisco Packet Tracer, Networking	
Smart Street Light (PCB)	Dec 2022
<ul style="list-style-type: none">• We utilized LDR and Integrated a 555 Timer IC for automation, where the LDR's resistance variation in response to light changes triggers the IC to control streetlight activation and deactivation, ensuring efficient illumination control.• Skills: Circuit Designing, PCB Designing, Soldering	
Sales Dashboard Project (Data Analytics)	Jul 2023
<ul style="list-style-type: none">• Conducted data analytics and created an interactive Excel dashboard to analyze sales trends, customer behavior, and channel performance for the Agrawal Store, resulting in actionable insights and informed decision-making.• Skills: Excel, Data Visualisation	
Automated Irrigation System	Apr 2022
<ul style="list-style-type: none">• The pump will automatically start once the water level drops below the set threshold value.• Skills : 8051 Microcontroller, Assembly Language	
Portfolio Website	Feb 2023
<ul style="list-style-type: none">• The responsive Portfolio Website has subsections about me, my works, etc, and the Contact form is also integrated there.• Skills : HTML, CSS, JavaScript	

AWARDS

Department Topper

Jun 2023

ETC Department, YCCE

Secured a position in the top 10 out of 210 students in the ETC department from the last two semesters.

CERTIFICATIONS

Basics of Geocomputation and Geoweb

Dec 2021

Services

ISRO

Database Management System

Apr 2023

IIT Kharagpur (NPTEL)

Microprocessors and Microcontrollers

Jun 2022

IIT Kharagpur (NPTEL)

Python Programming

Oct 2021

IIT Madras (NPTEL)

EXTRA-CURRICULAR ACTIVITIES

- Stage Management Head | Android Campus Fest | Google | YCCE
- Technical Co-Head (Organizing Committee) | IRU | YCCE
- Database Co-Head (Organizing Committee) | Yash23.0 | YCCE
- Designing Co-Head (Organizing Committee) | Esprit-Departmental Magazine | YCCE
- Contributor (Member of GDSC) | GDSC (Designing) | YCCE
- Event Management Team Member | ICON | Technical Fest | YCCE