Harsh Chouhan

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EDUCATION

YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

B.Tech in Electronics and Telecommunication Engineering
July 2020 - Present | Nagpur, MH
CGPA : 8.57 / 10.0

KENDRIYA VIDYALAYA SHALIMAR BAGH

XII (CBSE) | PCM with PE
May 2020 | Delhi
Per : 83.50 / 100.00

KENDRIYA VIDYALAYA NO.1 CHHINDWARA

X (CBSE) | Science
May 2018 | Chhindwara, MP
Per : 91.00 / 100.00

COURSEWORK

UNDERGRADUATE

Data Analytics, Machine Learning
Computer Vision, Embedded Systems,
OOPs Concepts, Internet of Things,
Computer Networks, Raspberry Pi,
Microprocessors and Microcontrollers

SKILLS

PROGRAMMING

Languages | Intermediate
• Python • Java • Javascript • Matlab
• SQL
Familiar :
• C • C++ • Assembly • Embedded C++

DEVELOPMENT

Development | Intermediate
• HTML • CSS • Bootstrap
Familiar :
• Numpy • Pandas • Data Visualization

SOFTWARE PACKAGES

• Excel • Figma • Canva • Matlab
• Git/GitHub • Cisco Packet Tracer
• Arduino • EasyEDA • Proteus

SCORE CARDS

• AMCAT
• TCS NQT - IT
• TCS NQT - Psychometric

INTERNSHIP EXPERIENCE

RESEARCH TRAINEE | Defence Research and Development Organization

July 2022 – Aug 2022 | DRDO, Delhi
• Conducted research on Radar Systems, Analysis of effects of parameters on Radar and Jammers.
• Gained valuable insights into modern warfare and defense strategies, exploring the applications of advanced radar technology. | Python (Matplotlib)

WEB DEVELOPER AND GRAPHIC DESIGNING INTERN | The Sparks Foundation | Google Developer Student Club

Feb 2022 – March 2022 | Aug 2022 - Dec 2022
• 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. | Figma, Canva

CAMPUS AMBASSADOR | Coding Ninjas | Coding Blocks | Lets Grow More

Jan 2022 – July 2022 | Remote, India

PROJECTS

HELMET DETECTION & CHALLAN SYSTEM | AIML

Sept 2023 - Continue | Computer Vision, Embedded Systems | (Link)
Working on AI project to detect helmetless riders, capture number plates, and issue traffic violation challans to enhance road safety and enforcement efficiency.

YCCE-STUDY-HUB WEBSITE | Web technology

Feb 2024 | HTML, CSS, JavaScript | (Link)
Revolutionizing student access to study resources such as PYQs, Notes, and Projects through our comprehensive multipage e-library platform. (ETC dept. active now.)

LIVER DISEASE DETECTION | ML

Sept 2023 | Numpy, Pandas, Matplotlib, ML Algo- KNN, HB | (Link)
Created a machine learning model for early liver disease detection, utilizing data preprocessing and classification algorithms like KNN and HistGradient Boosting.

SALES DASHBOARD PROJECT | Data Analytics

July 2023 | Excel, Data Visualization | (Link)
Analyzed sales data, and created an Excel dashboard for the Store, offering insights on sales trends, customer behavior, and channels for informed decision-making.

ACHIEVEMENTS

CERTIFICATIONS

• April 2023 (8 weeks) | Data Base Management System | IIT Kharagpur | NPTEL
• June 2022 (12 weeks) | Microprocessors and Microcontrollers | IIT Kharagpur
• Dec 2021 (10 hrs) | Basics of Geocomputation and Geoweb Services | ISRO
• Oct 2021 (12 weeks) | The joy of computing using Python | IIT Madras | NPTEL

PROGRAMMING

Platform	Username	Achievement
LeetCode	harsh3122	260+ Questions Solved
HackerRank	harshchouhan3122	4 Stars
CodeChef	harshchouhan02	2 Stars