

Harsh Chouhan

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EDUCATION

**YESHWANTRAO CHAVAN
COLLEGE OF ENGINEERING**
B.TECH IN ELECTRONICS AND
TELECOMMUNICATION ENGINEERING
July 2020 - Present | Nagpur, MH
Per : 79.00 %
CGPA : 8.65

**KENDRIYA VIDYALAYA
SHALIMAR BAGH**
XII (CBSE) | PCM WITH PE
May 2020 | Delhi
Per : 83.50 %

**KENDRIYA VIDYALAYA NO.1
CHHINDWARA**
X (CBSE) | SCIENCE
May 2018 | Chhindwara, MP
Per : 91.00 %

COURSEWORK

UNDERGRADUATE
Web Technology, DBMS,
Data Analytics, Machine Learning
OOP Concepts, IoT, Embedded Systems,
Computer Networks, Raspberry Pi,
Microprocessors and Microcontrollers

SKILLS

PROGRAMMING
Languages | Intermediate
• Python • Javascript • SQL
Familiar :
• Java • C • C++

DEVELOPMENT
Development | Intermediate
• HTML • CSS • Bootstrap • EJS
Familiar :
• ExpressJS • REST • Data Visualization

SOFTWARE PACKAGES
• Git/GitHub • PyQT Designer
• Excel • Figma • Canva • Matlab
• BusMaster • EasyEDA

SCORE CARDS

• AMCAT
• TCS NQT - IT
• TCS NQT - Psychometric
• GATE-ECE, DSAI | 77 percentile

INTERNSHIP EXPERIENCE

SOFTWARE ENGINEER INTERN | DEVISE ELECTRONICS
May 2024 – Present | Pune
• Designed an Authentication System for Keyless Operation of EV. | Python (PyQT Designer, RaspberryPi)

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.
• Explored modern warfare and defense strategies with advanced radar technology. | Python (Matplotlib)

WEB DEVELOPER AND GRAPHIC DESIGNING INTERN | EDUNET FOUNDATION | GOOGLE DEVELOPER STUDENT CLUB
Jan 2024 - April 2024 | Aug 2022 - Dec 2022
• Created responsive websites with HTML, CSS, and JavaScript for optimal user experience (YCCE-StudyHUB).

PROJECTS

HELMET DETECTION & CHALLAN SYSTEM | AIML
Sept 2023 - March 2024 | Computer Vision, Embedded Systems | (Link)
Worked 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
• Oct 2021 (12 weeks) | The joy of computing using Python | IIT Madras | NPTEL

PROGRAMMING
LeetCode harsh3122 360+ Questions Solved
HackerRank harshchouhan3122 4 Stars - 150+ Questions Solved
CodeChef harshchouhan02 2 Stars - 40+ Questions Solved

RESPONSIBILITIES
• Database Head (ICON23.0) • Technical Head (IRU22.0) • Contributor(GDSC)