

Harsh Chouhan

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EDUCATION

**YESHWANTRAO CHAVAN
COLLEGE OF ENGINEERING**
B.TECH IN ELECTRONICS AND
TELECOMMUNICATION ENGINEERING
Dec 2020 - June 2024 | Nagpur, MH
Per : 79.20 %
CGPA : 8.67

**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, Internet of Things,
Computer Networks, Raspberry Pi,
Embedded Systems

SKILLS

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

DEVELOPMENT
Development | Intermediate
• HTML • CSS • Bootstrap • EJS
• ExpressJS • NodeJS
Familiar :
• React • Tailwind • MongoDB

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

SCORE CARDS

• AMCAT- Coding, DI | 95%
• TCS NQT - IT & Psychometric
• GATE-ECE, DSAI | 77 percentile

INTERNSHIP EXPERIENCE

SOFTWARE ENGINEER INTERN | DEVISE ELECTRONICS
May 2024 – Aug 2024 | Pune
• Implemented a keyless EV authentication system using Python, PyQt Designer, and Raspberry Pi, cutting manual intervention by 30%.
• Developed a Vehicle Dashboard website that integrates real-time data with EJS, CSS, JavaScript, and MySQL, boosting user interaction by 40%. | (Link)

**WEB DEVELOPER AND GRAPHIC DESIGNING INTERN |
EDUNET FOUNDATION | GOOGLE DEVELOPER STUDENT CLUB**
Jan 2024 - April 2024 | Aug 2022 - Dec 2022
• Redesigned responsive websites using HTML, CSS, and JavaScript to enhance user experience (YCCE-StudyHUB).

**RESEARCH TRAINEE | DEFENCE RESEARCH AND DEVELOPMENT
ORGANIZATION (DRDO)**
July 2022 – Aug 2022 | DRDO, Delhi
• Analyzed radar and jammer systems, restructured Python scripts with Matplotlib to visualize radar data and jammer effects.

PROJECTS

WANDERLUST | WEB TECHNOLOGY - (LINK)
Oct-Nov 2024 | Bootstrap, EJS, MongoDB, JS, Cloudinary, Leaflet, Nodemailer
Engineered a rental platform responsive website for listing accommodations with CRUD operations and OTP authentication using Passport and Nodemailer. Integrated Leaflet for dynamic mapping and optimized file uploads with Multer. Deployed on Render with MongoDB Atlas, enhancing listing efficiency.

YCCE-STUDY-HUB WEBSITE | WEB TECHNOLOGY - (LINK)
Feb 2024 | HTML, CSS, JavaScript
Created a multipage e-library site with PYQs, study materials, and projects, enhancing resource access for 500+ ETC students.

HELMET DETECTION & CHALLAN SYSTEM | AIML - (LINK)
Sept 2023 - March 2024 | Computer Vision, Embedded Systems
Built an AI-driven system to detect helmetless riders, capture license plates, and issue traffic violation challans, increasing enforcement efficiency and improving road safety.

LIVER DISEASE DETECTION | ML -(LINK)
Sept 2023 | Numpy, Pandas, Matplotlib, ML Algo- KNN, HB
Developed an ML model for early liver disease detection with 85%+ accuracy using preprocessing and classification algorithms (KNN, HistGradient Boosting).

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 390+ Questions Solved
HackerRank harshchouhan3122 4 Stars - 150+ Questions Solved
CodeChef harshchouhan02 2 Stars - 40+ Questions Solved