

Harsh Chouhan

Gmail : harshchouhan3121@gmail.com | Tel : +91-7042137441
LinkedIn : harshchouhan3122 | GitHub : harshchouhan3122 | Portfolio Website: harshchouhan

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 • MongoDB
• Data Visualization

DEVELOPMENT
Development | Intermediate
• HTML • CSS • Bootstrap • EJS
Familiar :
• ExpressJS • NodeJS • 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 | HTML, Bootstrap, JS, EJS, MongoDB, Cloudinary, Leaflet
Engineered a rental platform for accommodations (rooms, mansions, farmhouses) with a responsive website featuring CRUD operations, authentication, and Leaflet map integration; streamlined file uploads using Multer and deployed on Render with MongoDB & AtlasDB, improving 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 375+ Questions Solved
HackerRank harshchouhan3122 4 Stars - 150+ Questions Solved
CodeChef harshchouhan02 2 Stars - 40+ Questions Solved