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%.
• Created a Vehicle Dashboard website with real-time data integration using 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, increasing engagement by 25%. (**StudyHUB**).

RESEARCH TRAINEE | Defence Research and Development Organization (DRDO)
July 2022 – Aug 2022 | DRDO, Delhi
• Analyzed radar and jammer systems, improving data visualization by 30% with restructured Python scripts using Matplotlib.

PROJECTS

CHATTY - REALTIME CHAT APP | Web technology - (Link)
Jan 2025 | React, Tailwind CSS, MongoDB, JWT, Soket.io, ExpressJS
Developed a **MERN-based real-time chat app** with Zustand for efficient state management. Features include user authentication, image sharing, and profile management, Responsive Design, Theme Selection (DaisyUI).

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 interactive mapping features and optimized file uploads with Multer. Deployed on Render with MongoDB Atlas, enhancing listing efficiency.

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

Platform	Username	Progress
LeetCode	harsh3122	390+ Questions Solved
HackerRank	harshchouhan3122	4 Stars - 150+ Questions Solved
CodeChef	harshchouhan02	2 Stars - 40+ Questions Solved