



# Harshita Patidar

Computer Science and Engineering (B.Tech)

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harshita-patidar

## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2027	B. Tech (CSE)	IIT Bhilai	8.27 / 10
2023	12th (MPBSE)	BCM Higher Secondary School, Dewas, MP	92%

## PROJECTS

### E-learning Platform

- Tech Stack: React.js, Express.js, Node.js, MongoDB, API Integrations: Open Trivia API, YouTube API
- Developed a dynamic web application for interactive learning using React.js for the frontend and Node.js with Express.js for the backend.
- Integrated Open Trivia API for quizzes and YouTube API for educational video streaming, ensuring diverse and engaging content.
- Implemented an AI-powered chatbot to assist users with queries and enhance the learning experience.
- Utilized MongoDB to store user data, courses, and learning progress.

### Library Management Website

- Tech Stack: HTML, CSS, PHP, and MySQL.
- Designed and developed a web-based Library Management System to streamline book management and user interactions.
- Developed user / administrator dashboards to manage books, accounts, and data.
- Implemented CRUD (Create, Read, Update, Delete) operations for books, users, and transactions using PHP and MySQL.

## RELEVANT COURSES

— Introduction to programming, Data Structures, Discrete Mathematics, Software Tools and Technology, Design and Analysis of Algorithms, Theory of Computation, Computer Organization and Architecture.

## ACHIEVEMENTS

- Ranked in the Top 3 percent (among 11,13,325 students) in JEE MAINS,2023
- Ranked in the Top 9.3 percent (among 180,372 students) in JEE ADVANCED,2023

## SKILLS AND EXPERTISE

**Languages:**C, C++, JavaScript

**Frontend:** HTML, CSS, React.js, Next.js

**Backend:**Node.js, Express.js, PHP

**Database:**MySQL, MongoDB

**Tools:**Git, XAMPP, Postman, Visual Studio Code, GNUPlot, LaTeX, Shell Scripting

**Concepts:** Data Structures and Algorithms, API Integration

## POSITIONS OF RESPONSIBILITY

### Mentor— Vinoba Polestar Program (Raipur Administration & Open Links Foundation)

Nov 2024 - Present

- Volunteering as a Vinoba Polestar (VP) to mentor government school students preparing for JEE/NEET by providing academic guidance and motivational support.
- Conducting doubt-solving sessions to clarify concepts in Mathematics, Physics, and Chemistry, ensuring a strong foundational understanding.

### Executive— NSS, IIT Bhilai

June 2024 - Present

- Coordinating and organizing impactful sessions under the Social Department, such as a Road Safety Awareness session and an Anti-Ragging seminar, fostering awareness and responsible behavior.

### Mentor— Student Mentorship Program, IIT Bhilai

May 2024 - Present

- Mentoring first-year students by providing academic guidance and personal support to help them adapt to the institute's environment.

### Member—Outreach Committee, IIT Bhilai

Nov 2023 - April 2024