

# MANSI BHARDWAJ

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## SUMMARY

Analytical and results-driven Computer Science student with a strong foundation in AI/ML, web development, and software engineering. Skilled in problem-solving, system design, and performance optimization. Adept at team collaboration and adapting to emerging technologies. Seeking opportunities to apply technical expertise and drive innovative solutions.

## PROFESSIONAL EXPERIENCE

Fresher

## EDUCATION

### VIT Bhopal University

Bachelor of Technology - CSE  
Current CGPA - 8.80  
(2022- 2026)

### Higher Secondary

Science Stream (PCMB)  
Percentage - 91.8  
(2020 - 2022)

### Secondary Education

Foundational Subjects  
Percentage - 95.4  
(2020)

## SKILLS

Technical Skills:

- Programming Languages: Python, Java, C++
- Web Development: HTML, CSS, JavaScript
- Database Management: MySQL
- Platforms - VS Code, Canva, Node.js, Git

Soft Skills:

- Problem-Solving
- Teamwork & Collaboration
- Adaptability
- Communication Skills

## CERTIFICATIONS

- Vidyaarthi - Python Essentials (2023)
- Coursera - Bits & Bites of Computer Networks (2023)
- NPTEL - Cloud Computing (2024)
- Cisco - Introduction to Cyber Security (2025)
- Cisco - JavaScript Essentials 1 (2025)
- NPTEL - Market Analytics (2025)

## PROJECTS

### 1. Driver Drowsiness Detection System (Group Project)

- Developed a real-time system using OpenCV and Deep Learning to detect driver fatigue.
- Implemented face and eye-tracking algorithms to monitor drowsiness and alert drivers.
- Enhanced road safety by reducing accident risks due to drowsiness.

### 2. Crop Yield Predictor (Group Project)

- Built an AI-based prediction model using Machine Learning to forecast crop yield.
- Utilized historical climate and soil data to improve agricultural decision-making.
- Implemented the model with Python (Pandas, NumPy, Scikit-Learn) for accurate predictions.

### 3. Book Recommendation Website

- Engineered an interactive web-based book recommendation platform using HTML, CSS, JavaScript, and MySQL, enhancing user engagement through personalized suggestions.
- Integrated user preferences and ratings to suggest books.

### 4. Hospital Database Management System

- Developed a full-stack System for efficient patient and staff data handling.
- Implemented modules for staff login, patient appointment scheduling, OPD and IPD records management.
- Designed and integrated forms to capture vital signs (BP, glucose, pulse, temperature) in IPD records.

## EXTRA - CURRICULAR

- Rajasthan Club Core Member- Cultural Team
- Utkarsh Prayaas School (NGO) - Volunteering
- Participated in inter-college hackathons, solving real-world problems using AI/ML models
- Completed a self-paced internship in Web Development/AI/ML