

# Tushar Sharma

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## EDUCATION

### B.Tech, Computer Science & Engineering

2022 - 2026

IIIT D&M Jabalpur

CGPA: 8.40/10

## PROJECTS

### [Rent Connect ↗](#)

Aug 2024 - Nov 2024

Developed an app for college students to share and rent food stationery books and other items. Focused on enhancing collaboration and resource-sharing within the college community. Worked on improving ease of use student engagement and community participation.

### [FootBall Analysis System ↗](#)

Sep 2024 - Oct 2024

Utilized YOLO object detector to detect players referees and footballs. Trained a custom object detector to improve performance. Used optical flow to measure camera movement for accurate player tracking. Calculated player speed and distance covered using advanced tracking techniques.

### Student Catalogue Management System

Sep 2023

Contributed to developing a Student Catalogue Management System to streamline student record management in educational institutions. Helped create a secure database to protect student information and ensure data integrity. Worked in a team to simplify administrative tasks and enhance operational efficiency.

## SKILLS

- |                             |           |                           |
|-----------------------------|-----------|---------------------------|
| • JavaScript                | • HTML    | • CSS                     |
| • ReactJS                   | • Node.js | • React Native            |
| • Express.js                | • GitHub  | • Git                     |
| • Amazon Web Services (AWS) | • Figma   | • Effective Communication |
| • MySQL                     | • NoSQL   | • MongoDB                 |
| • PHP                       |           |                           |

## EXTRA CURRICULAR ACTIVITIES

- Jagrati Member • Led a student initiative providing free education to 50+ children from nearby villages. • Conducted weekly classes and awareness programs to enhance academic and social skills • Organized 10+ events for continuous engagement and impactful learning experiences
- Assistant Counselling Coordinator • Guided over 75 students through academic, personal, and social challenges during their transition to college life. • Implemented mentoring strategies that resulted in a 20% increase in student satisfaction and engagement. • Contributed to improved academic performance through dedicated support and resources for students adjusting to college.