TUSHAR SHARMA

Software Developer — Full-Stack Enthusiast

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Education

Indian Institute of Information Technology Design and Manufacturing Jabalpur   **CPI: 8.4**
Bachelor of Technology in Computer Science and Engineering   *2022 – 2026*

Skills and CourseWorks

- **Technical Skills:** C++, Python, React JS, React Native, Node JS, Express JS, MySQL, MongoDB, NoSQL, Java, Java Script, HTML, TailwindCSS, Git, GitHub, Rest APTs, Rapid APIs, Django, Redux
- **Soft Skills:** Effective Listening, Communication, Critical Thinking, Time Management, Leadership, Counselling, Adaptability, Flexible, Collaborative, Consistent,
- **Relevant Courses:** Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Object-Oriented Programming, Software Engineering, Artificial Intelligence, Computer Architecture and Organization, Software Engineering, Software Testing

Projects

Job Finder Mobile App | *Github Link* | *Deploy Link*   **01/2025 - 02/2025**
- Tech Stack: React Native, Node.js,TypeScript, JavaScript,Expo, Rapid APIs, Axios
- Built a user-friendly job search platform with real-time data integration, 1,000+ job listings and device optimization.
- Built a personalized homepage with the use of custom hooks, with better job data fetching 40% faster
- Implemented strong error handling and loading states to improve user experience and reduce downtime by 25%

FootBall Analysis System | *Github Link* | *Deploy Link*   **11/2024 - 12/2024**
- Tech Stack: Reactjs, Yolo, OpenCV, Python
- Utilized YOLO object detector to detect players, referees, and footballs.
- Implemented a custom object detector, improves detection accuracy by 30%
- From the data collected, Calculated player speed and distance covered, increasing tracking efficiency by 25%

Rent Connect | *Github Link*   **08/2024 - 10/2024**
- Tech Stack: React Native, NodeJS, ReactJS, ExpressJS, TypeScript, JavaScript, MongoDB, RestAPIs
- Created the student app for food, book, and supply sharing and renting. Supports 200+ active users.
- A rise by more than a quarter has hit rate been recorded reaching a 30% increase in campus community engagement.
- With improved UX/UI design, student engagement and participation in the platform increased by 25%.

Fuison (Institute ERP Portal) | *Github Link* | *Deploy Link*   **09/ 2024 - Present**
- Tech Stack: ReactJS, Python, Django, Postgres SQL
- The automation of room allocation and fee management systems in hostels diminished manual tasks and achieved a 40% reduction in errors.
- Data retrieval speed rose by 30% as a result of database query and API call optimizations.

Achievements and Awards

- Solved 500+ LeetCode problems with a 1700+ rating and earned a 3-star CodeChef rating.
- Recipient of the MCM Scholarship twice for being top 10% across 120+ peers

Volunteering

Counselling Committee   **08/2023 – Present**
Assistant Counselling Coordinator   *Indian Institute of Information Technology, Jabalpur*
- Counseled 75+ students through academic, personal, and social transition to college life.
- Implemented strategies that increased student satisfaction and engagement by 20%.

Jagrati   **12/2022 – 06/2023**
Member   *Indian Institute of Information Technology, Jabalpur*
- Initiated a campaign where free education is provided to 50+ village children.
- Arranged 10+ events for sustainable engagement and meaningful learning experience.