Yashraj Shishodia

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SUMMARY

Computer Science undergraduate with hands-on experience in MERN Full Stack Development, Machine Learning, and Computer Vision. Built scalable web applications and AI-based systems using Python, JavaScript, React, MongoDB, OpenCV, and TensorFlow. Delivered automation solutions that reduced manual effort by up to 70% and improved operational efficiency. Seeking Software Development, Full Stack, or Machine Learning Intern roles.

EXPERIENCE

Ethanus, *MERN Full Stack Developer* 05/2025 – 07/2025

- Developed and deployed full-stack web modules using MongoDB, Express.js, React.js, and Node.js, improving system performance, maintainability, and feature delivery timelines by approximately 30 percent.
- Engineered RESTful APIs and integrated frontend components with backend services, enabling secure, scalable data flow, reliable client-server communication, and seamless API consumption across application modules.
- Diagnosed and resolved functional and runtime issues through structured debugging and testing, reducing application errors by nearly 25 percent and improving overall system stability.

EDUCATION

Vellore Institute Of Technology Bhopal, MP, 09/2023 – 05/2027

B.Tech in Computer Science (CGPA-9.04)

TECHNICAL SKILLS

Programming Languages — Programming Languages: Python, Java, JavaScript, SQL | Web Technologies: HTML, CSS, React.js, Node.js, Express.js Databases: MongoDB | Machine Learning and Computer Vision: TensorFlow, OpenCV, NumPy, Pandas | Tools and Platforms: Git, GitHub, REST APIs | Core Concepts: Data Structures and Algorithms, Object-Oriented Programming, DBMS, Software Engineering

PROJECTS

School Management System, 06/2025 – 01/2026

MERN Full Stack Project HTML,CSS, Javascript, MongoDB

- Architected and built a scalable school management platform supporting over 1,000 academic records, role-based authentication, secure access control, and modular backend architecture.
- Automated attendance tracking and grade reporting workflows, reducing administrative workload by 45 percent and improving operational efficiency for academic and administrative staff.
- Enabled real-time data updates and secure CRUD operations, ensuring data consistency, faster record retrieval, reliable synchronization, and low-latency access across multiple user roles.

Digital Attendance Solution, 02/2025 – 03/2025

Image Processing Python, OpenCV, Tensorflow

- Designed and trained a facial recognition-based attendance system for more than 50 students per session, leveraging real-time face detection, optimized image preprocessing pipelines, and feature extraction.
- Tuned recognition models and inference workflows, achieving approximately 90 percent accuracy and reducing manual attendance effort by 70 percent during routine classroom operations.

CERTIFICATIONS

- - The Bits and Bytes of Computer Networking- Coursera
- - Introduction to Machine Learning- NPTEL