JEET SHAH

Email: jeetshah3644@gmail.com • **Phone:** +91 9586910764 • GitHub • **Location:** Ahmedabad, Gujarat

EDUCATION

Pandit Deendayal Energy University
BTech in Computer Engineering | 2022 – Present | CGPA: 7.97
LJ University
Diploma in Computer Engineering | 2019 – 2022 | CGPA: 9.46

PROJECT EXPERIENCE

Learning Management System | Express, React, MongoDB, Tailwind

- Developed a comprehensive Learning Management System, integrating secure authentication mechanisms and data validation with Zod for enhanced data integrity.
- Enhanced user engagement by implementing interactive student dashboards, multimedia support, and seamless payment gateway integration.
- Crafted a responsive interface using Tailwind CSS, elevating usability and visual appeal across devices.

Event Management System | Express, React, MongoDB, CSS

- Conceptualized and executed a robust Event Management System with JWT authentication and Razorpay integration, ensuring secure ticket transactions and boosting transaction speed by 50%.
- Streamlined user experience with frictionless ticket purchasing, event attendance management, and real-time updates.
- Ensured data security and transaction reliability through comprehensive backend integration.

Automated PPE Violation Detection and Logging System | Python, YOLO, Streamlit, OpenCV

- Designed and implemented an AI-powered system for detecting and logging violations of personal protective equipment (PPE) compliance on construction sites.
- Utilized YOLO (You Only Look Once) object detection with the Ultralytics library for real-time detection of safety helmets, masks, and vests.
- Enhanced safety compliance by integrating audio announcements for immediate corrective action in case of violations.

Delivery Management System | PHP, PHPMyAdmin, SQLite, CSS

- Developed a Delivery Management System to streamline data management using PHP, significantly reducing data retrieval times.
- Maximized system performance while ensuring secure data storage with PHPMyAdmin.
- Introduced features for order tracking, route optimization, and delivery status updates, resulting in enhanced delivery efficiency.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, C, PHP
- **Web Technologies:** JavaScript, TypeScript, Node.js, CSS, React.js,
- **Frameworks:** Express.js, Django
- **Databases:** MySQL, MongoDB, SQLite
- **Tools & Platforms:** Git, Docker, Visual Studio Code, AWS

RELEVANT COURSEWORK

- **Web Development:** Proficient in frontend and backend technologies, including HTML, CSS, and JS
- **Software Engineering:** Experienced in software development lifecycle, Agile methodologies, and project management.
- **Data Structures and Algorithms:** Proficient in data organization, searching, sorting algorithms, backtracking, greedy algorithms, and randomized algorithms.
- **Database Management Systems:** Skilled in SQL, database design, and optimization techniques.
- **Hackathons:** Actively participated in Hackathons, Won an AI hackathon at IIM Ahmedabad.