Om Shete

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Education

Dr. D. Y. Patil College of Engineering and Innovation   Sep. 2023 – June 2026
Bachelor of Engineering (Artificial Intelligence and Data Science) (CGPA – 8.43)   Pune, MH

Yogeshwari Polytechnic   Jan. 2021 – July 2023
Diploma in Computer Engineering   Ambajogai, MH

Relevant Coursework

- DSA
- Cloud Computing
- Cyber Security
- NoSQL Databases
- System Design
- Data Analytics
- Artificial Intelligence
- LLM Fine-Tuning

Experience

Shivaaradhya Foundation (NGO)   Jan 2025 – April 2025
Front-End Engineer Intern   Pune, MH

- Redesigned a website UI using HTML, CSS, and JavaScript, which increased the average session duration by 40%
- Achieved a 30% increase in page load speed by making the official website's UI more responsive.
- Reduced the bounce rate by 25% through iterative UI improvements based on user feedback.
- Conducted UI audits and usability testing to find design flaws and performance bottlenecks.

Projects

Face Recognition Attendance System / Python, OpenCV, Tkinter, SQLite   February 2023

- Developed a real-time facial recognition system using Python and OpenCV that automated attendance tracking, reducing manual processing time by over 80%.
- Implemented Haar Cascade classifiers and optimized the model for various lighting conditions to achieve over 95% face match accuracy.
- Integrated the system with a local SQLite database to automatically capture and store verified names and timestamps, eliminating manual data entry.
- Built a clean and user-friendly desktop GUI using Tkinter, allowing users to initiate attendance, monitor the live feed, and export records to CSV format.

Shivaaradhya Foundation Official Website / HTML, CSS, JavaScript   January 2025

- Engineered and launched a user-focused website that directly contributed to receiving 25+ volunteer signups and over ₹10,000 in donations within the first three weeks.
- Redesigned the user interface using HTML, CSS, and JavaScript to be more engaging, resulting in a 40% increase in the average user session duration.
- Developed a fully responsive, multi-page site with interactive features including event showcases, image sliders, and volunteer forms to improve user engagement.
- Optimized the website for fast load times and cross-browser compatibility, which improved general accessibility and performance.

Technical Skills

Languages: Python, HTML, CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, GitHub, Postman API, Android Studio
Database Systems: MySQL, PostgreSQL, MongoDB

Certifications

- **Cyber Security Analyst –** TCS Forage | Issued: January 2025
- **Blockchain Build Station** – Geeks of Gurukul | Issued: January 2025
- **Python Workshop –** IEEE SB VIT | Issued: February 2024