

PRASAD ZADE

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Education

Zeal College of Engineering, Pune, India

- Bachelor of Technology in Artificial Intelligence and Data Science | CGPA : 9.18

2022 - 2026

(expected)

St Paul Junior & Senior College, Nagpur, India

- Class XII (State Board), Percentage : 86.33%

2021 - 2022

Aragami High School, Wardha, India

- Class X (State Board), Percentage : 88.00%

2019 - 2020

Skills

C++ | C | HTML5 | CSS3 | MySQL | Python | JavaScript(basic) | Git

Projects

AI Voice Assistant (Python-Based Project)

- Developed a voice assistant using Python with features like web searches, reminders, email sending, and real-time data retrieval.
- Integrated speech recognition (SpeechRecognition) and text-to-speech (pyttsx3) for seamless voice interactions, with API support for weather and news updates.

Virtual Mouse (Python-Based Project)

- Constructed a virtual mouse control system using Python and computer vision libraries (OpenCV) to move the cursor and perform clicks through hand gestures.
- Merged real-time gesture recognition and mouse event simulation, allowing users to control the system hands-free for accessibility purposes.

Open Chat (Web Development Project)

- Created a real-time chat application using HTML, CSS, JavaScript, and WebSocket for instant messaging and smooth communication between users.
- Incorporated a RESTful API to fetch and display song data, ensuring smooth playback and a responsive design.

Attendance System Utilizing Facial Recognition (Python-Based Project)

- Designed an automated attendance system using Python and OpenCV for facial recognition to mark student attendance.
- Implemented a machine learning model to detect and match faces, providing real-time attendance tracking with high accuracy and efficiency.

Academic and Extracurricular Achievements

Lab Assistant

2024 - Present

- Supported practical sessions, assisted students and faculty, and ensured proper lab equipment maintenance.
- Managed inventory, guided students on safety protocols, and helped set up and troubleshoot experiments.

Technical Coordinator | IBM Technical Team

2023 - 2024

- Facilitated workshops on cutting-edge technologies, hosted coding competitions, and coordinated technical events to promote a culture of creativity and knowledge-sharing among students.

ACHIEVEMENTS / HOBBIES

- Solved around 100 plus problems on LeetCode.
- Solved around 50 plus problems on GeeksforGeeks.
- Achieved **2-star rating** in CodeChef Weekly Contests, demonstrating strong problem-solving and competitive programming skills.
- Completed Google Cloud: Cloud Computing Fundamentals and Generative AI.
- Participated in the **Smart India Hackathon (SIH)** at the college level, contributing to innovative problem-solving and collaborative development.

Languages

- English
- Hindi
- Marathi