

# PRASAD ZADE

## Bachelor of Technology Student

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Pune, India



### SUMMARY

I am a motivated Bachelor of Technology student specializing in Artificial Intelligence and Data Science with a strong academic background and practical project experience. My technical expertise spans various programming languages and technologies, allowing me to develop innovative solutions. I am passionate about problem-solving, evident through my achievements in competitive programming. Additionally, my role as a Lab Assistant and Technical Coordinator has honed my teamwork and leadership skills.

### EXPERIENCE

#### Lab Assistant

##### Zeal College of Engineering

01/2024 - 01/1970    Pune, India

An educational institution offering engineering and technology programs.

- 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

01/2023 - 12/2024    Pune, India

Technical team focused on fostering knowledge and skills in new technologies.

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

### EDUCATION

#### Bachelor of Technology in Artificial Intelligence and Data Science

##### Zeal College of Engineering

07/2022 - 06/2026    Pune, India

#### Class XII

##### St Paul Junior & Senior College

06/2021 - 05/2022    Nagpur, India

#### Class X

##### Aragami High School

06/2019 - 05/2020    Wardha, India

### KEY ACHIEVEMENTS



#### Smart India Hackathon Participation

Participated in the Smart India Hackathon at the college level, contributing to innovative problem-solving and collaborative development.



#### CodeChef Achievement

Achieved a 2-star rating in CodeChef Weekly Contests, demonstrating strong problem-solving and competitive programming skills.

### LANGUAGES

#### English

Proficient



#### Hindi

Native



#### Marathi

Native



### SKILLS

#### API

#### Artificial Intelligence

#### Cloud Computing

#### Computer Vision

#### CSS

#### css3

#### Data Science

#### Git

#### Github

#### Google Cloud

#### HTML

#### html5

#### IBM

#### Javascript

#### Machine Learning

#### marathi

#### MySQL

#### OpenCV

#### Python

#### restful

#### restful api

# PROJECTS

## AI Voice Assistant

📅 01/2023 - 06/2023   📍 Pune, India

A voice assistant project implemented in Python focusing on speech recognition and real-time interaction.

- 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

📅 07/2022 - 12/2022   📍 Pune, India

A project that enables mouse control through hand gestures using computer vision.

- 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

📅 01/2023 - 04/2023   📍 Pune, India

Web development project focused on real-time communication and media playback.

- 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

📅 05/2023 - 09/2023   📍 Pune, India

Facial recognition-based attendance system enhancing efficiency and accuracy in tracking student attendance.

- 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.

## AI Mock Interviewer

📅 12/2024 - 01/2025   📍 Pune, India

Developed an intelligent mock interview platform using Node.js that simulates real interview scenarios. The application provides personalized feedback, correct answers, and performance analysis.

- Utilized the Gemini API for AI-driven question generation and answer analysis.
- Integrated React Speech API for speech-to-text conversion and webcam support for real-time interaction.
- Employed Neon Database API for secure and efficient data storage.
- Implemented user authentication with Clerk for a seamless login experience.
- Enhanced user experience with tailored feedback to help improve interview performance.