

# VENKATASIVANANDU MALAPATI

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## Summary

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Enthusiastic and highly motivated software developer with a strong foundation in Python and frontend technologies including HTML, CSS, JavaScript. Adept at developing responsive, user-friendly web applications and working in collaborative team environments. Passionate about coding and problem-solving, with a keen interest in continuously learning and improving technical skills. Ready to contribute to innovative projects and deliver high-quality software solutions.

## Education

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**Parul university | 6.52 CGPA**

*Bachelor of Technology in Computer Science*

**2021 – present**

*vadodara, Gujarat*

**Nucleus Jr college | 94.4 %**

*Maths, Physics, Chemistry*

**2021**

*Nandyal, Andhra Pradesh*

## Experience

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**Unified Mentor**

**Dec 2024 – present**

*Web developer- Intern*

- Built and styled responsive web pages using HTML5, CSS3, and JavaScript for seamless functionality across devices
- Integrated Firebase Realtime Database for managing dynamic content, user authentication, and real-time updates.
- Enhanced website performance by optimizing JavaScript code and implementing best practices like lazy loading for assets.
- Deployed projects using Firebase Hosting and ensured cross-browser compatibility through rigorous testing.

## Projects

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**ANTI-POACHING ALERT SYSTEM | Arduino Programming , IoT Devices and Sensors**

**October 2024**

- Created an IoT-based Anti-Poaching System to protect trees like sandalwood and teak.
- Built a wireless sensor node using Arduino Uno and ESP32 Camera for real-time monitoring.
- Used sensors (accelerometer, smoke, sound) to detect illegal activities and forest fires.
- Stored sensor data in the cloud for remote access and monitoring

**Student-Teacher Booking Appointment | Html, Css, Javascript, Firebase**

**Feb 2024**

- Developed a Student-Teacher Appointment Booking System– Designed and implemented a web-based platform using HTML, CSS, JavaScript, and Firebase for scheduling and managing appointments between students and teachers
- Implemented Modular Maintainable Code– Ensured testability, maintainability, portability, and safety by following best coding practices and maintaining a public GitHub repository with proper documentation
- Developed features for user authentication (Admin, Teacher, Student), appointment scheduling and approval workflows to streamline communication. .

## Technical Skills

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**Languages:** Python, HTML ,CSS, JavaScript, SQL

**Developer Tools:** VS Code, Github, MySQL WorkBench, Google Collab

## Languages Known

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- English
- Telugu
- Hindi