

Jaya Jadhav

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Education

Chh. Shahu College of Engineering

B.Tech in Mechanical Engineering (CGPA: 7.56)

Aurangabad, MH

2023 – Present

Technical Skills

Web Development: HTML, CSS, JavaScript

Responsive Web Design

Version Control: Git, GitHub

Tools & Platforms: VS Code, GitHub

Projects

Intelligent Pesticide Sprinkling System Determined by Infection Level of a Plant | *AI, YOLOv5, OpenCV, ESP32, H*

- Developed a smart pesticide automation system that detects plant diseases using AI and controls IoT sprayers via ESP32.
- Designed a responsive web interface for automated pesticide sprinkling based on infection levels.
- Used HTML, CSS, and JavaScript to display real-time infection data and control settings.
- Focused on clean UI design, easy navigation, and real-time data visualization.

Portfolio Website | *HTML, CSS, JavaScript*

- Created a responsive personal portfolio website to showcase projects, skills, and achievements.

Line Follower Robot | *Robotics, Sensors*

- Designed and developed an autonomous robot that follows a predefined line path using infrared sensors.

Certifications

Soft Skills Development - NPTEL

Drone Technology Workshop

Mech Spark 2K25 - CSMSS College of Engineering (organized by MESA and ISTE)

Bajaj Manufacturing System - Bajaj Auto Ltd.