

ONKAR JADHAV

Full Stack Developer • Data Science • Python Developer

PES Modern College of Engineering • June 2025 Pass out onkarjadhav.netlify.app

☎ +91-7499576969 ✉ onkarjadhav0230@gmail.com [in linkedin.com/in/onkar-jadhav](https://www.linkedin.com/in/onkar-jadhav) github.com/onkar-jadhav

Summary

Passionate Full Stack Developer with expertise in the MERN stack and Python. Experienced in building real-time, user-friendly applications such as plant disease detection systems, landing pages, and portfolio websites.

Education

PES Modern College of Engineering, Pune

B.E., Artificial Intelligence and Machine Learning

2021 – 2025

CGPA: 8.24

Shankarrao Mohite Mahavidyalaya, Malewadi, Akluj

Class XII

2020 – 2021

81.00 %

Technical Skills

- | | | | | |
|------------------|--------------------|----------------------|----------------|--------------|
| - Web Dev | - Databases | - Programming | - Tools | - AWS |
| • React | • MySQL | • Python | • Git | • EC2 |
| • Express | • MongoDB | • JavaScript | • Docker | • S3 |
| • Node.js | • PostgreSQL | • SQL | • GitHub | • CloudFront |

Work Experience

Synergy Solutions

Feb 2023 – June 2025

Front End Developer and UI/UX Designer

- Designed and developed visually appealing, responsive frontend interfaces using React.js, HTML, CSS, and JavaScript.
- Collaborated closely with backend teams and stakeholders to deliver seamless, user-centric web solutions.
- Contributed to 6+ successful client projects, enhancing user experience and increasing client satisfaction.

Projects

Plant Disease Detection System | *CNN, Web App, Machine Learning*

2023

- Built a **web app** using **CNN** to detect plant leaf diseases from uploaded images
- Enabled **real-time detection** with accurate diagnosis and recommended treatments
- Applied **machine learning techniques** for robust and scalable disease classification

Synergy Solutions Landing Page | *HTML, CSS, JavaScript* | [Demo](#)

2024

- Designed and developed a responsive, interactive landing page for **Synergy Solutions** using **HTML, CSS, and JavaScript**.
- Implemented smooth animations, section transitions, and user-friendly layout to improve engagement and brand presentation.

Industrial AI System for Safety Monitoring | *YOLOv8, Computer Vision, Python*

2025

- Designed an **AI-based industrial safety system** to detect **fire, safety equipment usage, unsafe poses**, and **restricted area violations** in real-time
- Trained a **YOLOv8 model** to classify and locate **safety gear violations** from video feeds
- Integrated with **real-time alerts** and dashboard for enhanced workplace safety monitoring

Certifications and Achievements

Winner - College-Level Frontend Development Competition

May 2022

Modern College of Engineering, Pune

NPTEL Python for Data Science

January 2024

IIT Madras - Grade A+ (84%)