

Mayur Desale

📍 Kasare, Sakri, Dhule ✉ desalemayur23@gmail.com ☎ +91 93225 35081 📅 DOB: 23-06-2004

Professional Summary

Computer Engineering graduate with expertise in full-stack web development and AI-based computer vision applications. Proven experience in developing secure examination systems with real-time proctoring capabilities. Seeking to leverage technical skills in Python, Django, and OpenCV for innovative software development projects.

Education

Government Polytechnic Dhule

2021 – 2024

Diploma in Computer Engineering - CGPA: 8.5/10 (85.03%)

- **Key Coursework:** Data Structures & Algorithms, DBMS, Computer Networks, Web Development
- **Final Year Project:** Secured Online Examination System with AI-based Proctoring

Maharashtra State Board

2021

Secondary School Certificate - 93.60%

Experience

Full Stack Developer Intern (Remote)

Oct 2021 – July 2024

Unified Mentor

- Developed web applications using React and MongoDB with cross-functional team collaboration
- Optimized application performance and enhanced user experience through modern development practices

Key Project

Secured Online Examination System

Jan 2024 – Feb 2024

Final Year Project - Best Project Award

- Developed comprehensive online examination platform using Django and PostgreSQL
- Implemented AI-based proctoring with OpenCV and Mediapipe for real-time face detection and eye tracking
- Integrated cheating detection algorithms including tab switching and multiple face detection
- Optimized for 100+ concurrent users using multithreading and secure authentication
- **Technologies:** Python, Django, PostgreSQL, OpenCV, Mediapipe, JavaScript, WebRTC

Technical Skills

Programming: Python, JavaScript, HTML, CSS **Frameworks:** Django, React **Database:** MongoDB, PostgreSQL

Computer Vision: OpenCV, Mediapipe **Other:** Git, RESTful APIs, WebRTC, Multithreading

Achievements & Certifications

- Best Final Year Project Award for Secured Examination System
- Academic Excellence: 93.60% in SSC, 85.03% in Diploma
- Completed React.js and Node.js certification courses (Udemy, 2023)

Core Competencies

Technical: Full-Stack Development, AI/Computer Vision, Database Design, Performance Optimization

Soft Skills: Problem Solving, Team Collaboration, Communication, Self-Learning

Languages & Personal Information

Languages: English, Marathi, Hindi (Fluent) **Interests:** Cricket, Reading, Learning New Technologies

Father's Name: Sh. Manohar Yashwant Desale **Marital Status:** Single