




# GAURAV DEORE

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## PROFILE SUMMARY

To work as an AI intern where I can apply Python, Computer Vision, and Machine Learning skills to real-world projects and grow through continuous learning and hands-on experience in data-driven environments.

## EDUCATION

**Late G.N. Sapkal College of Engineering, Nashik**

**2023 - 2027**

*Bachelor of Engineering in Artificial Intelligence and Data Science*

**Overall CGPA: 8.16**

- Academic Topper in 2nd Year with CGPA 9.18
- Relevant Coursework: Artificial Intelligence and Data Science, Machine Learning

## TECHNICAL SKILLS

- **Programming Languages:** Python (Advanced), C (Basics), JavaScript, SQL
- **AI/ML Libraries:** OpenCV, MediaPipe, NumPy, Pandas, Scikit-learn, TensorFlow (Basics)
- **Web Technologies:** HTML5, CSS3, JavaScript, Socket.IO.
- **Database Management:** MySQL, SQLite, Database Design, Query Optimization, Joins
- **Development Tools:** Git, GitHub, PyCharm, Google Colab
- **Soft Skills:** Problem-Solving, Quick Learner, Team Collaboration, Communication

## TECHNICAL PROJECTS

### Virtual AI Mouse (Computer Vision, Python)

- Developed a hand-tracking virtual mouse using OpenCV and MediaPipe.
- Implemented gesture-based cursor, click, and scroll controls.
- Improved real-time tracking accuracy using image-processing techniques.

### Face Recognition Attendance System — OpenCV, LBPH, Python

- Built an automated attendance system using LBPH with ~92% accuracy.
- Implemented real-time face detection using Haar Cascade and trained on 500+ images.
- Added automatic attendance logging with timestamps and CSV export.

### Pose Estimation Exercise Tracker

- Built a real-time exercise pose tracker using OpenCV and MediaPipe.
- Calculated shoulder–elbow–wrist angles to detect correct or incorrect form.

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- **100 Days of Code: The Complete Python Pro Bootcamp** - Udemy
- **Python Development Internship** - Cognifyz Technologies
- **Web Development Internship** - Proxenix
- **C-DAC Bootcamp on UAS/Drone Technology** - C-DAC

## ACHIEVEMENTS & RECOGNITION

- Secured Academic Topper position in 2nd Year with CGPA 9.18/10.0
- Successfully completed two industry internships in Web Development and Python Development
- Built AI/ML project portfolio including 3+ fully functional computer vision applications