Gaurav Deore

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Career Objective

To work as an AI intern where I can contribute to data-driven projects and expand my knowledge in machine learning and automation.

Profile Summary

Beginner Artificial Intelligence enthusiast with a solid foundation in Python programming and a growing interest in machine learning, data processing, and automation. Skilled in Python and SQL, with basic understanding of HTML and CSS for simple interface development. Known for quick learning, logical thinking, and the ability to understand technical concepts independently. Highly motivated to start a career in AI by gaining practical exposure, contributing to real-world projects, and continuously improving skills through self-learning and hands-on practice.

Technical Skills

- Programming Languages: Python, C++ (Basics)
- Databases: SQL (Basics, Queries, Joins)
- Web Technologies: HTML, CSS
- Tools & Libraries: Jupyter Notebook, VS Code, Git, GitHub
- Core Interests: Artificial Intelligence, Machine Learning, Data Processing
- Soft Skills: Problem-Solving, Teamwork, Fast Learner, Communication
- Libraries: OpenCV, MediaPipe, NumPy

Projects

Online Learning Platform

Developed a web-based learning platform that allows users to access courses, manage learning content, and interact through a clean and responsive UI. Implemented using HTML, CSS, JavaScript, and backend logic to handle user operations. Improved understanding of web development workflows, page structuring, and UI/UX fundamentals.

Real-Time Chat Application (Socket.IO)

Built a real-time chat application supporting instant messaging using Socket.IO. Implemented user connections, real-time message broadcasting, and basic chat room handling. Strengthened understanding of event-driven programming, WebSockets, and live communication features used in modern web applications.

Virtual AI Mouse (Computer Vision, Python)

Created a virtual mouse system that uses hand-tracking to control mouse actions without physical hardware. Utilized OpenCV and MediaPipe to detect hand movements and map gestures to cursor actions. Developed skills in image processing, gesture recognition, and human–computer interaction using Python.

Pose Estimation Exercise Tracker

Developed a real-time pose estimation system to track exercise form using shoulder, elbow, and wrist joint angles. Implemented with OpenCV and MediaPipe to detect keypoints and determine correct or incorrect posture. Enhanced understanding of computer vision, angle calculation, and applied AI for fitness monitoring.

Face Recognition Attendance System

Built a face recognition–based attendance system using OpenCV and LBPH. Implemented real-time face detection, recognition, and attendance marking with local storage. Gained hands-on experience in feature extraction, model training (LBPH), and integrating computer vision techniques into practical applications.

Education

Late G.N. Sapkal College of Engineering, Nashik
Bachelor of Engineering in Artificial Intelligence and Data Science — *Pursuing*

- Overall CGPA: 8.16
- Academic Topper – 2nd Year with CGPA 9.18
- Relevant Coursework: Artificial Intelligence, Data Structures And Algorithms , Computer Graphics , Probability & Statistics , Database Management System.

Certifications

- 100 Days of Code: The Complete Python Pro Bootcamp – Udemy
- MySQL Fundamentals – Self-Learning (Online Learning)
- C-DAC Bootcamp on “UAS/Drone Technology”
- Web Development Internship Completion Certificate – Proxenix
- Python Development Internship Completion Certificate – Cognifyz Technologies

Achievements

- Secured **Academic Topper** position in 2nd Year (CGPA: 9.18)
- Completed internships in **Web Development** and **Python Development**, gaining hands-on experience
- Completed an advanced Python Bootcamp (100 Days of Code – Udemy)
- Built hands-on portfolio projects such as an AI Mouse, Face Recognition System, and Pose Estimation Tracker by learning and implementing concepts through self-guided study.