Abhishek Gadmale

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Professional Summary

Results-driven Computer Science graduate with expertise in front-end development and machine learning. Proven ability to design and implement scalable web applications and AI-powered systems. Passionate about creating innovative solutions using modern technologies and frameworks. Seeking software engineering opportunities to contribute to cutting-edge projects.

Education

University of Mumbai — Mumbai, Maharashtra
Bachelor of Science in Information Technology; GPA: 8.62/10.0 — *Aug. 2023 – May 2025*
- Relevant Coursework: Data Structures & Algorithms, Database Management, Web Technologies, Machine Learning

Technical Skills

Languages: Python, JavaScript (ES6+), HTML5, CSS3, SQL
Frameworks & Libraries: React.js, Flask, Node.js, Express.js, OpenCV, face_recognition, NumPy, Pandas
Tools & Technologies: Git, GitHub, VS Code, REST APIs, JSON, Responsive Design, Bootstrap, Tailwind CSS
Databases: SQLite, MySQL, MongoDB (Learning)
Concepts: Responsive Web Design, Version Control, Agile Methodology, Object-Oriented Programming, RESTful APIs

Projects

Face Recognition-Based Attendance System | *Python, OpenCV, Flask, HTML/CSS, SQLite* — Apr. 2025 – Jul. 2025
- Engineered an automated attendance tracking system using computer vision and facial recognition, reducing manual attendance time by 90% and eliminating proxy attendance issues
- Implemented real-time face detection and recognition pipeline using OpenCV and face_recognition library with 95%+ accuracy, processing up to 30 faces per second
- Developed full-stack web application with Flask backend and responsive HTML/CSS frontend, enabling seamless user interaction and generating automated CSV reports with timestamp logging
- Designed scalable data architecture for storing face encodings and attendance records in SQLite database, supporting 500+ user profiles with efficient query performance
- GitHub: github.com/AbhishekGadmale/Final-Year-Project

Portfolio Website | *HTML5, CSS3, JavaScript, Responsive Design* — Ongoing
- Designed and developed a fully responsive personal portfolio website showcasing projects and technical skills
- Implemented modern UI/UX principles with smooth animations and cross-browser compatibility
- Optimized for performance with lazy loading and minimized resource files, achieving 95+ Lighthouse score

Certifications

Meta Front-End Developer Professional Certificate — 2024
- Programming with JavaScript - Meta (Coursera)
- HTML and CSS in depth - Meta (Coursera)
- Version Control - Meta (Coursera)

Achievements & Activities

Open Source Contributor: Actively contributing to open-source projects on GitHub, focusing on web development
Technical Learning: Continuously expanding full-stack development skills through hands-on projects and online courses
Problem Solving: Regular practice on coding platforms to strengthen algorithmic thinking and data structures