Aditya Wagh

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About Me

A passionate Computer Science student with a focus on Artificial Intelligence, Machine Learning (AIML), and web development. Enthusiastic about developing innovative tech solutions, working on project-based learning, and seeking opportunities to gain more experience through internships and hackathons.

Education

S.S.C. St. Xavier's School — Shrirampur
SSC Graduation — *March 2020*

Trimurti College — Shrirampur
HSC Graduation — *March 2022*

Vishwakarma Institute of Information Technology — Pune
B.Tech in Computer Science and AIML (Expected Graduation: 2026) — *Ongoing*

Projects

Educational Website for Skill Development | *React, Tailwind CSS, JavaScript* — Ongoing
- Creating an engaging and responsive web platform aimed at enhancing skill development for children aged 6-16.
- Implemented reusable components and responsive design using React and Tailwind CSS.
- Focused on accessibility and user-centric design to improve learning outcomes.

Facial Emotion Recognition | *Python, Flask, TensorFlow, OpenCV* — August 2024
- Developed a web-based emotion detection system using Flask framework with an interactive interface for real-time and image-based emotion analysis.
- Implemented deep learning model to detect 7 emotions with support for multiple face detection, integrating webcam capture and image upload functionality.
- Created responsive web interface with features for webcam integration and image upload functionality using HTML/CSS/JavaScript.

Employee Management System | *React, TailwindCSS, LocalStorage* — December 2024
- Developed a web application to manage employee data, including adding, editing, and deleting employee records.
- Implemented data persistence using LocalStorage for storing employee details.
- Designed an intuitive and responsive UI using React and TailwindCSS for seamless user experience.

Tic-Tac-Toe Android App | *Java, Android Studio* — June 2024
- Created a Tic-Tac-Toe game for Android with a responsive interface and smooth game logic.

Weather App | *React, Tailwind CSS, OpenWeather API* — October 2024
- Developed a responsive weather app that provides real-time weather updates based on geolocation or city search.
- Integrated the OpenWeather API to fetch weather data and implemented features like unit toggle (Celsius/Fahrenheit).

Certificates

The Complete Python Bootcamp — Udemy
Issued — *April 2024*

Data Structures and Algorithm — Infosys
Issued — *April 2024*

Introduction to Web Development with HTML, CSS, JavaScript — Coursera
Issued — *August 2024*

Technical Skills

Languages: Python, JavaScript, Java, C/C++, HTML, CSS, Tailwind CSS
Developer Tools: Git, VS Code, Cursor AI, PyCharm, Android Studio, Eclipse
Libraries: pandas, NumPy, Matplotlib, Scikit-learn, OpenCV, TensorFlow
Technologies: Flask, React, Node.js, Web Development
Databases: MongoDB, MySQL, SQLite

Extracurricular Activities

NSS Club, Vishwakarma Institute of Information Technology   Pune
Publicity Team Member   *November 2024 - Present*
- Promoted NSS events through various communication channels.