Vivek Chouhan

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EDUCATION

VIT Bhopal University — 2022-2026
Bachelor of Technology(B.Tech.) in CSE (Specialization in Cloud Computing And Automation — *CGPA: 9.05/10*

Shri Cloth Market Vaishnav Higher Secondary School — 2022
12th Standard: CBSE Board — *90.2%*

Shri Cloth Market Vaishnav Higher Secondary School — 2020
10th Standard: CBSE Board — *82%*

PROJECTS

The Web Scraper | *Python, BeautifulSoup/Scrapy, Pandas, Requests*

- Built an automated system for structured data extraction from multiple websites.
- Handled inconsistent HTML and ensured legal/ethical compliance in scraping practices.
- Improved data reliability through preprocessing and normalization techniques.
- Proposed enhancements like ML integration, automated monitoring, and parallel processing.
- Delivered practical insights demonstrating real-world applicability and scalability.

Face-Matrix: Face Recognition-Based Attendance System | *Python, OpenCV, Numpy, Pandas, tkinter, customtkinter*

- Developed an automated attendance system using facial recognition with machine learning techniques.
- Captured and trained face images to recognize individuals and log attendance data into a CSV file.
- Utilized OpenCV for image processing, with Numpy and Pandas for efficient data handling.
- Built an interactive GUI using tkinter and customtkinter for seamless feature access and usability.
- Suggested potential improvements such as cloud integration, real-time alerts, and enhanced accuracy through deep learning.

TECHNICAL SKILLS

Languages: Python, C/C++, Java, JavaScript
Frontend Technologies: HTML, Tailwind CSS, ReactJS
Cloud Computing Amazon Web Services
Tools & Platforms: VS Code, GitHub

ACHIEVEMENTS

- Achieved a maximum **LeetCode rating of 1479 and solved over 100+ leetcode problems.**
- **Social Media Team Member** of VITB Mozilla Firefox Club.

ADDITIONAL

Certifications

- The Bits and Bytes of Computer Networking (Coursera)
- BlockChain Developer (IBMCE)
- Getting Started with AWS Services Fundamentals for Beginners (SimpliLearn)

Relevant Coursework

- Data Structures and Algorithms
- Object Oriented Programming (OOPs)
- AWS Cloud Practitioner
- Operating System
- Database Management System (DBMS)
- Computer Networks

Hobbies

- Gym Enthusiastic
- Music
- Badminton