

# Vivek Chouhan

📍 Indore, Madhya Pradesh | ✉ vivekchouhan2512@gmail.com | 🔗 linkedin.com/in/vivekchouhan25 | 🌐 https://github.com/VivekChouhan1

## EDUCATION

<b>VIT Bhopal University</b> <i>B.Tech. in CSE (Cloud Computing and Automation)</i>	2022–2026 CGPA: 8.92/10
<b>Shri Cloth Market Vaishnav Higher Secondary School</b> <i>12th Secondary School Examination, CBSE Board</i>	2021–2022 90.2%
<b>Shri Cloth Market Vaishnav Higher Secondary School</b> <i>10th Senior School Examination, CBSE Board</i>	2019–2020 81.8%

## PROJECTS

### Online Restaurant Management System | *PHP, HTML, CSS, JavaScript*

- Reduced customer waiting time by 25% through real-time menu updates and streamlined order flow.
- Designed a responsive user interface with 6+ modular components, including header, footer, sidebar, and dynamic content sections.
- Implemented backend logic using PHP to support admin dashboards, user authentication, and order processing for 50+ users.
- Enhanced usability with features such as forums, multilingual support, and sitemap navigation, resulting in a 30% increase in user engagement.

### The Web Scraper | *Python, BeautifulSoup, Pandas, Requests*

- Designed and implemented a robust scraping tool to collect structured data from 15+ e-commerce platforms.
- Managed HTML variability across sites, ensuring 90%+ parsing success while adhering to ethical scraping guidelines.
- Enhanced data quality by 40% via preprocessing pipelines for deduplication and format standardization.
- Recommended future upgrades including machine learning, monitoring tools, and multi-threaded processing for scalability.

### Face-Matrix: Facial Recognition Attendance System | *Python, OpenCV, tkinter*

- Built a GUI-based attendance system using facial recognition with 92%+ detection accuracy.
- Captured and trained over 10 face samples, auto-logging entries into structured CSV files.
- Utilized OpenCV for image capture and recognition; created a user-friendly interface with tkinter/customtkinter.
- Proposed cloud syncing, real-time notifications, and DL model integration for next-phase enhancements.

## TECHNICAL SKILLS

**Languages:** C/C++, Python, Java  
**Cloud:** Amazon Web Services (AWS), Google Cloud  
**Web:** HTML, CSS, Tailwind, JavaScript  
**Tools & Platforms:** VS Code, Git, GitHub, MySQL, MongoDB

## ACHIEVEMENTS

- Solved 180+ DSA problems on LeetCode with peak rating 1479.
- **Social Media Team Member** of VITB Mozilla Firefox Club.

## CERTIFICATIONS AND COURSEWORK

### Certifications

- Blockchain Fundamentals – IBM Center for Excellence
- Blockchain Developer – IBM Center for Excellence
- Generative AI – IBM Center for Excellence

### Relevant Coursework

- Data Structures & Algorithms
- Object-Oriented Programming (Java)
- Operating Systems
- Database Management Systems
- Computer Networks
- AWS Cloud Practitioner