

Swayam Kumar

VIT Bhopal University, Madhya Pradesh, India, 466114

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Education

VIT Bhopal University, Madhya Pradesh 2022 – 2026

- B.Tech (Computer Science and Engineering) | CGPA: 8.30/10

Class XII – CBSE 2020 – 2021

- Divine Public School, Maharajganj, UP | Percentage: 86.20%

Class X – CBSE 2018 – 2019

- St. Joseph's School, Maharajganj, UP | Percentage: 86.67%

Technical Skills

- **Programming Languages:** Java, Python, HTML/CSS, JavaScript, MySQL
- **Tools and Technologies:** Git/GitHub, XAMPP Server, SQL Workbench, MS Office, Canva, VS Code.
- **Areas of Interest:** Data Structures and Algorithms (DSA), Software Development, Database, Explore multiple languages and tech stacks;
- **Operating Systems:** Windows, macOS.

Project Experience

Face based attendance system | Python, OpenCV Oct 2023 – Dec 2023

- Users register by entering their ID and name, then capture around 50 facial images using the webcam, which are stored in the TrainingImage folder for training.
- Mark Attendance by recognizing faces and record attendance in subject-wise .csv files.
- Attendance records can be viewed in a tabular format directly through the system interface.

E-Commerce Platform with Virtual Try-On | HTML, CSS, JavaScript Feb 2024 – Apr 2024

- Build an AR-based Virtual Try-On e-commerce platform.
- Used image processing to create an interactive shopping experience.
- Improved user engagement and customer confidence via virtual product try-ons.

Restaurant Reservation System | HTML, CSS, JavaScript, MongoDB Aug 2024 – Oct 2024

- Develop a system that allows users to make, change, or cancel table bookings and check availability instantly.
- Include options to view available tables based on seating capacity (for small or large groups).
- Use MongoDB for database management and enable real-time server-client communication.

Additional Projects

- **Tic Tac Toe Game:** Developed browser-based 2-player game with win detection, responsive UI, and reset control.
- **Music Keyboard:** Developed a simple sound playing keyboard of different instruments using HTML, CSS, and JS.
- **Quiz:** Developed a simple web application that allows users to create and play quiz games using HTML, CSS, JS.

Certifications & Training

- **The Bits and Bytes Computer Networking** | Coursera (Google IT Support Series) | Dec 25, 2023
- **Cloud Computing** | Elite Certified | NPTEL | Jan-Apr 2024 (12 Weeks Course)
- **Problem Solvers - Mastering DSA** | FACE Prep | Jan-Apr 24, 2025
- **AWS Cloud** | I have experience and exposure to cloud platforms like AWS | Jan-Apr 2025 (12 Weeks Course)

Achievements

- Completed the 100 Days Coding Challenge to enhance coding skills and demonstrate consistency.
- Solved 180+ problems on LeetCode.
- I have Codeforces contest rating of 380+