

Swayam Kumar

Barawa Vidyapati, Maharajganj, Uttar Pradesh

+91 8736882238 | swayam2574@gmail.com | LinkedIn | LeetCode

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, JS, SQL
- **Areas of Interest:** Data Structures and Algorithms (DSA), Software Development, Database
- **Tools and Technologies:** Visual Studio Code, XAMPP Server, SQL Workbench, Microsoft Office, Canva
- **Operating Systems:** Windows, macOS

Project Experience

Face based attendance system using python and OpenCV

Oct 2023 – Dec 2023

- Face Registration: 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.
- For model training, converts images to numeric data and trains the face recognition model.
- 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

Feb 2024 – Apr 2024

- Bulid 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.
- Technologies Used: HTML, CSS, JavaScript, Python (AR)

Restaurant Reservation System

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.
- Technologies Used: HTML, CSS, JavaScript, MongoDB(database).

Additional Projects

- **Tic Tac Toe Game:** Developed a 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, JS.
- **Quiz:** Developed a simple web application that allows users to create and play quiz games using HTML, CSS, JS.

Certifications & Training

- **Problem Solvers – Mastering DSA** – FACE Prep, Apr 24, 2025 — certificate link
- **Computer Networking: The Bits and Bytes** – Coursera (Google IT Support Series) — certificate link
- **Cloud Computing** – NPTEL, Jan-Apr 2024 (12 Weeks Course) (Elite Certified) — certificate link

Achievements

- Completed the 100 Days Coding Challenge to enhance coding skills and demonstrate consistency.
- Solved 150+ problems on LeetCode.