

Swayam Kumar

Barawa Vidyapati, Maharajganj, Uttar Pradesh

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Education

VIT Bhopal University, Madhya Pradesh	<i>2022 – 2026</i>
– B.Tech (Computer Science and Engineering) — CGPA: 8.30 / 10	
Class XII – CBSE	<i>2020 – 2021</i>
– Divine Public School, Maharajganj, UP — Percentage: 86.20%	
Class X – CBSE	<i>2018 – 2019</i>
– 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	<i>Oct 2023 – Dec 2023</i>
– 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	<i>Feb 2024 – Apr 2024</i>
– 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.	
– Technologies Used: HTML, CSS, JavaScript, Python (AR)	
Restaurant Reservation System	<i>Aug 2024 – Oct 2024</i>
– 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.