Swayam Kumar

Barawa Vidyapati, Maharajganj, Uttar Pradesh

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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:** C/C++, 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

Object Detection Model   *Oct 2023 – Dec 2023*
- Developed a machine learning model to detect and classify objects in real-time camera images.
- Optimized the model for accurate real-time identification and tracking.
- Tested and validated using diverse datasets to ensure accuracy and reliability.
- Technologies Used: Python, YOLO

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

Achievements

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