

# Swayam Kumar

Barawa Vidyapati, Maharajganj, Uttar Pradesh

+91 8736882238 — swayam2574@gmail.com — LinkedIn

## Education

**VIT Bhopal University, Madhya Pradesh** 2022 – 2026

- B.Tech (Computer Science and Engineering) — CGPA: 8.25 / 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
- **Areas of Interest:** Data Structures and Algorithms (DSA), Software Development, Database
- **Tools and Technologies:** Microsoft Office, Canva, Visual Studio Code, XAMPP Server, SQL Workbench
- **Operating Systems:** Microsoft Windows, macOS

## Project Experience

**Object Detection Model** Oct 2023 – Dec 2023

- Contributed 25% in developing 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

- Contributed 30% to 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)

## 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.

## 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](#)
- **IBM Blockchain Developer and Blockchain Fundamentals** – IBM Cognitive Class: Blockchain Developer, Blockchain Fundamentals
- **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.