

# Manvi Arora

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## Education

**Vellore Institute of Technology** Bhopal, Madhya Pradesh, India  
BTech Major in Computer Sciences  
Cumulative GPA: 8.47/10 Expected May 2026

### 12<sup>th</sup> Standard

**DAV Public School** Kotkapura, Punjab, India  
CBSE Cumulative Percentage: 87.2/100 Jun 2021

### 10<sup>th</sup> Standard

**DAV Public School** Kotkapura, Punjab, India  
CBSE Cumulative Percentage: 87.8/100 May 2019

## Projects

**Facekey** Jan 2024 – Apr 2024

A face detection system to autofill the login details of students.

- Developed a facial recognition-based desktop application that automates login by detecting the user's face, developed UI/UX design of the project.

**Be my vision**

2025-04-19

Developed an AI-powered assistive system improving accessibility for visually impaired users by providing real-time object detection with directional voice guidance

- Built a **real-time object detection system** using **YOLOv8, OpenCV, and PyTorch** with text-to-speech to assist visually impaired users.
- Added **directional guidance** (left/center/right) by dividing the frame, enhancing situational awareness.

## Experience

**Co founder** VCab

Jul 2023- Mar 2025

- Launched and scaled campus cab service, completing **1300+ bookings & ₹20L revenue**.
- Conducted **market research**, optimized pricing, and built driver-student workflows.
- Led **sales, marketing, and operations strategy** to drive adoption.

**Sales and Marketing intern** Semantics Cybernetics LLP

May 2023- June 2023

- Conducted **marketing campaigns and outreach**, onboarding new customers.
- Researched target segments, tracked leads, and pitched services to support acquisition.

## ADDITIONAL

### Skills:

Proficient in C++, Python, Data structures and algorithms, Operating systems, Computer Networking, MySQL, Database Management System, HTML, CSS, Javascript, GitHub, ChatGPT, Claude, Excel, Google Sheets.

### Languages:

Fluent in English, Hindi and Punjabi

### Achievements:

Cleared a case study hackathon organized by ZS Associates getting my team's rank 12th in India.  
Cleared 1st round of Adobe India Hackathon 2025.

