MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
NMIMS

RUDRA KABRAWALA
BTech Computer Science Engineering
Date of Birth: 02/07/2004

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Education

SVKM NMIMS Shirpur — 2022 – 2026
B.Tech in Computer Science Engineering — *CGPA: 3.59/4*

Sanskar Vidya Bhavan, Bharuch, Gujarat — 2019 – 2020, 2021 – 2022
Class X (SSC): 95.60   Class XII (CBSE, PCM): 91.20

Experience

Aivid Techvision, Ahmedabad — May 2025 – June 2025
ML & Computer Vision Intern
- Managed deployment and updates of surveillance bots as per client requirements, successfully completing rollouts ahead of deadlines, ensuring zero downtime.
- Resolved a critical issue in the People Counting Bot (YOLOv6-based) where human detection inconsistencies were leading to inaccurate counts, preventing potential business losses for clients.
- Collaborated on upgrading staff detection models with enhanced head-body detection logic using OpenCV, OpenVINO, and MediaPipe and gained hands-on deployment experience using real-world CV algorithms with direct client-impact applications.

Projects

Hand Gesture Recognition — Python, OpenCV, Machine Learning 🔗 — Mar 2025
- Built a real-time gesture recognition system for HCI using OpenCV, MediaPipe, and TensorFlow.

People Counting Bot — YOLOv6, OpenVINO, MQTT, Elasticsearch 🔗 — Apr 2025
- Developed real-time people counting and event publishing bot integrating YOLOv6, OpenVINO, MQTT, and Elasticsearch.

EmployedIN — HTML, CSS, JavaScript, MySQL — Nov 2024
- Designed a web app platform connecting daily wage workers with job opportunities using HTML, CSS, JS, and MySQL.

Certifications

- Tata Data Analytics Simulation (Forage) – May 2025
- 72 Days Data Analytics Bootcamp (Udemy) – Jun 2025

Core Skills

- **Technical Skills:**
- **Languages:** C++, Python, HTML, CSS, JavaScript
- **Frameworks & Libraries:** OpenCV, TensorFlow, PyTorch, OpenVINO, MediaPipe, YOLOv6, Flask, Pandas, NumPy, Scikit-learn, Matplotlib
- **Tools/Platforms:** MySQL, PL/SQL, Excel, Power BI, MQTT, Elasticsearch
- **Coursework:** Data Structures and Algorithms, Operating Systems, DBMS, OOP, Cybersecurity
- **Soft Skills:**
- Leadership, Public Speaking, Event Planning, Team Management, Adaptability, Analytical Problem Solving

Achievements

- 1st Prize – NMMUN Shirpur (2023–24, 2024–25)
- 2nd Prize – CodeKraken Hackathon 2024 at NMIMS Shirpur

Leadership & Community Roles

Event Management Lead – GDSC, NMIMS Shirpur (2023–2024) Planned and managed technical events, hackathons, and community sessions with 200+ participants.

Planning & Strategy Head – Coding Club, NMIMS Shirpur (2023–2024) Curated and executed coding events and hackathons promoting problem-solving culture on campus.

Founder – STU Reach, NMIMS Shirpur (2023–2024) Founded peer-led community providing academic mentorship and tech skill-building initiatives.