Rudra Kabrawala

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Education

SVKM NMIMS Shirpur — 2022 – 2026
Bachelor of Technology in Computer Science Engineering — *CGPA: 3.6/4*

Sanskar Vidya Bhavan, Bharuch, Gujarat — 2021 – 2022
Class XII - Central Board of Secondary Education (PCM) — *Percentage: 91.2%*

Sanskar Vidya Bhavan, Bharuch, Gujarat — 2019 – 2020
Class X - Secondary School Certificate (SSC) — *Percentage: 95.6%*

Experience

Aivid Techvision — May 2025 – July 2025
ML Intern (On-Site)
- Worked on surveillance and monitoring products using Python and OpenCV
- Implemented computer vision algorithms for real-time video analysis and object detection

Projects

Hand Gesture Recognition | *Python, OpenCV, MediaPipe, TensorFlow* — March 2025
- Built real-time hand gesture recognition for human-computer interaction
- Implemented CV algorithms for accurate gesture detection and classification

People Counting Bot | *Python, OpenCV, OpenVINO, YOLOv6, MQTT, Elasticsearch, Flask API* — April 2025
- Developed real-time people counting for video surveillance using OpenCV, OpenVINO, and YOLOv6
- Designed robust tracking and event logic for boundary crossings
- Integrated MQTT for live event publishing, Elasticsearch for event logging, and Flask REST API for integration

EmployedIN | *HTML, CSS, JavaScript, MySQL* — November 2024
- Created web app to connect daily wage workers with job opportunities

Certifications

Tata Group Data Analytics Job Simulation on Forage — May 2025
View Certificate — *Remote*
- Conducted EDA using GenAI tools to assess data quality and risk indicators
- Designed AI-driven collections strategy with agentic AI and automation

Skills

Languages: C++, Python, HTML, CSS, JavaScript
Technologies/Frameworks: MySQL, PL/SQL, OpenCV, Machine Learning, Excel, Web-Scraping
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Management System, Object Oriented Programming, Cybersecurity

Achievements

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

Leadership & Extracurricular Activities

Event Management Lead – GDSC NMIMS Shirpur — 2023 – 2024
NMIMS Shirpur — *Maharashtra*
- Organized technical events for community engagement and learning
- Enhanced club visibility via innovative ideas and relationships

Planning & Strategy Head – Coding Club — 2023 – 2024
NMIMS Shirpur — *Maharashtra*
- Strategized and executed coding events and competitions

Community Founder – STU Reach — 2023 – 2024
NMIMS Shirpur — *Maharashtra*
- Founded student-centric community for academic and skill-building support