MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
NMIMS

JAHNVI ARORA
BTech Computer Engineering 2026
Date of Birth: 30/01/2004

Education

MPSTME, NMIMS University	**2022 - 2026**

B. Tech in Artificial Intelligence and Machine Learning
CGPA: 3.81/4

Reliance Foundation School	**2022**

CBSE: 87%

Avalon Heights International School	**2020**

ICSE: 98.6%

Projects

1. **Early Disease Detection using Machine Learning – February 2025**

Developed a machine learning model for early detection of three diseases using real-world datasets, Integrated risk assessment models and health monitoring with wearable data to give insightful analysis.

2. **Rock Paper Scissors AI using Markov Chain- October 2024**

Developed an interactive Rock-Paper-Scissors game integrating AI-driven decision-making. The project explores probability-based strategies and pattern recognition to enhance gameplay.

3. **License Plate Detector- August 2024**

Developed an automated License Plate Recognition (LPR) system using OpenCV and Tesseract OCR, Implemented image processing techniques including Gaussian blurring, Canny edge detection, and contour detection for accurate plate localization

4. **Adaptive Traffic Signal for Traffic Management- July 2024**

Developed a simulation model using Python and pygame, that dynamically adjusts green signal time based on vehicle density, and traffic flow, reducing waiting time.

Internships

eDAS: Eureka Digitisation and Automation Services Private Limited- May 2025 to July 2025

- Worked as an intern in the Business Intelligence lab to build a working application to integrate recruitment process done by HR and Vendor Management into a digitised and network-based solution and developed dashboards.
- Interacted and collaborated with various departments to integrate restful APIs and ensure smooth dataflow between various departments and developed a fully functional frontend and backend module.

Certifications

i. Completed Certification course on Coursera on Architecting Solutions on AWS(Amazon Web Solutions)- 2025
ii. Completed certification course on Coursera from Stanford University on Divide and Conquer, Searching and Sorting, randomised algorithms- 2024
iii. Completed certification course on Coursera from Duke University on Machine Learning Foundations for Product Managers-2024
iv. Completed certification course from Google on Foundations of Business Intelligence Google Course on Business Intelligence- Path to Insights: Data Models and Pipelines- 2023
v. Completed certification course from Google on Business Intelligence- Decisions, Dashboards and Reports- 2023
vi. Completed certification course on Coursera from Yale University on Financial markets- 2022
vii. Winner's certificate in the ATL Space Challenge – National Level competition sponsored by CBSE and ISRO for Project: 'Hunting Exoplanets in Space'- 2022

CORE SKILLS

Technical Skills: C++, Python, Java, HTML/CSS, Springboot Java, Docker, Kubernetes Tableau, SAS ODA
Soft Skills: Persuasion, Empathy, Leadership, Dedication, Strong Situation Handling Skills, Tenacious, Communication, Time Management

Achievements and Positions of Responsibility

- Head Of Photography Institution Of Electronics and Telecommunication Engineers(IETE) committee (2024-2025)
- Institution Of Electronics and Telecommunication Engineers(IETE) committee, Sub-Head of Photography (2023-2024)
- Sub-Head of Photography at Taqneeq, technical fest of college 2023
- Photography Executive at Social Conclave 2022
- Co-Chair for 3 MUNs