



## Education

MPSTME, NMIMS University	2022 - 2026
B. Tech in Computer Engineering	
CGPA: 3.69/4.00	
R N PODAR SCHOOL, Mumbai	2022
CBSE: 90.2%	
R N PODAR SCHOOL, Mumbai	2020
CBSE: 93.8%	

## Projects

### Collaborative Document Editing Platform (Colab Doc) - April, 2025

Designed a real-time collaborative document editor with multi-user support and autosave, inspired by tools like Google Docs.

### MediScan – AI-Based Medicine Information Extractor – April, 2025

Built a mobile app integrating EasyOCR and Gemini LLM to extract, annotate, and provide multilingual summaries of medicine details, reducing manual lookup time by ~40%.

### Pothole Detection using YOLOv8 - November, 2024

Built a real-time object detection system to identify potholes in road images using the YOLOv8 deep learning model, aimed at assisting smart city infrastructure and road maintenance.

### Multithreaded Password Hashing Tool - October, 2024

Built a GUI-based application to hash and analyze passwords using the MD5 algorithm with multithreading for performance optimization.

### Custom String Encryption & Decryption Algorithm - June, 2024

Developed a custom algorithm for secure string encryption and decryption using mathematical transformations.

## Internships

### Indian Space Research Organisation (June–July, 2025)

#### AI Intern

- Contributed to the development of AI agents using large language models (LLMs) for real-world applications.
- Worked on model fine-tuning and optimization for performance across varying environments.
- Played a key role in integrating language understanding capabilities into end-to-end AI systems.

### Hindustan Petroleum Corporation Limited, Mumbai (May-July, 2024)

#### Fullstack Developer Intern

- Developed a REST API using Spring Boot for internal audit systems.
- Designed and implemented an internal form-based application to streamline auditing processes.
- Optimized data flow and backend operations via efficient CRUD operations

### Vipla Foundation, Mumbai (May–June 2023)

#### Community Volunteer

- Volunteered in hearing screening camps, managed registrations, created case study videos, and supported therapy preparation for child rehabilitation.

## Certifications & Publications

**ICCSCE Publication (May 2025)** – “Securing the Software Development Lifecycle (SDLC) in Cloud Environments: A DevSecOps Perspective”, presented at International Conference on Computer Science and Communication Engineering.

**Udemy Artificial Intelligence A-Z (October, 2024)** – Covered AI fundamentals, Q-learning, intelligent agent development, deep learning, generative AI, and large language models.

## CORESKILLS

### Technical Skills

Python, Java, HTML, CSS, JavaScript, C++, AutoCAD, MATLAB, PostgreSQL, Spring Boot, Spring Integration, REST and CRUD APIs, Visual Studio, Kapwing

### Soft Skills

Excellent public speaker, strong leadership and teamwork skills, content development, cross functional coordination, problem-solving, and written communication

## Achievements and Positions of Responsibility

### Head of Content Writing – IET MPSTME (2024–2025)

Helped curate technical content for workshops, competitions, and outreach campaigns.

### Finalist – Cyber Cypher 3.0 Hackathon (January, 2024)

Built a hospital management platform with appointment scheduling and pharmacy locator integration.