



Education

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| MPSTME, NMIMS University | 2022-2026 |
| B. Tech in Computer Engineering | |
| CGPA: 3.96/4 | |
| R.N. Podar School | 2020 - 2022 |
| HSC CBSE: 97% | |
| Sri Aurobindo Memorial School | 2020 |
| SSC CBSE: 90.2% | |

Projects

Face detection using Deep Learning – May 2025

Built a deep learning system for face detection, implementing core concepts including CNN architecture design, custom data generators, loss functions, and training loops. Utilized WIDER FACE dataset.

Football video analysis system – March 2025

Developed a real-time tracking system that detects the player movements, speed, ball possession, and other statistics using Computer Vision, Machine Learning and integrated with a Django web interface.

Modern E-Commerce Website with React, Sanity, and Stripe- May 2025

Built a responsive e-commerce application using React with Sanity CMS for dynamic content management and integrated Stripe for secure real-time payment processing. Deployed on Vercel.

Dynamic Chat Room Application using MERN Stack – April 2024

Developed a full-stack chat application with user authentication using JWT Tokens. Utilized Mongo DB for storing user and message data, with Express and Node JS services for backend. Deployed as a dynamic site on Render.

Social media content sharing platform in Android App Development Platform – November 2024

Built a social media content sharing platform using Java in Android Studio allowing users to register, share posts, follow others, likes and comment on posts. Integrated Firebase for real-time data storage and authentication via email verification.

Lung and brain tumour classification – November 2024

Created a Machine Learning based system to detect and classify tumours in lungs and brain if any using VGG16 model, Custom CNN models and Flask interface.

Certifications

- Pursuing Honours from Coursera - 2022-2026
 - Deep Learning Specialization – Deeplearning.ai
 - Google Data Analytics – Google
- Quantum Machine Learning – IIT-Madras – 2025

CORE SKILLS

Technical Skills – C++, Java, Python, HTML, CSS, JavaScript, MySQL, ReactJS, Node, Version Control, Flask, Django, Computer Vision, Mongo DB, Unity, Neural Networks, Computer Networks, Data Structures and Algorithms.

Soft Skills – Leadership capability, team coordination, decision making, active listening, strategic planning, time management, goal setting.

Achievements and Positions of Responsibility

- Technical Executive Role for the MPSTME's ACM committee for a year (2023-24)
- Class Representative for BTech CE division B