

Mayur K S

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🌐 LinkedIn

EDUCATION

•Bachelor of Engineering in Computer Science and Engineering

2023–2027

Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam

CGPA: 8.446/4

- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System

TECHNICAL SKILLS AND INTERESTS

- **Languages:** C/C++, Python, Java, HTML+CSS, JavaScript
- **Frameworks:** ReactJS
- **Cloud/Databases:** MySQL, MongoDB
- **Tools:** Figma, GitHub
- **Areas of Interest:** Web Development, Machine Learning, AI, DBMS, Software Engineering
- **Soft Skills:** Problem Solving, Self-Learning, Adaptability, Time Management, Teamwork
- **Certifications:** NPTEL C++, Industry 4.0, CPS Foundations, Cybernaut UI/UX

PROJECTS

IFSP – Voice-Controlled Wheelchair

2024–present

Smart wheelchair with voice commands and edge detection for user safety.

- Enabled multilingual voice control and terrain sensing using IoT components.

Technologies: Raspberry Pi, Sensors, GPS, Voice Recognition

Hospital Management System

Feb-2025-Apr 2025

Mini-project for managing hospital records and billing.

- Built with SQL using joins, triggers, and stored procedures.

Technologies: SQL, DBMS

Galaxy Strike – 2D Shooter Game

Aug 2024-Oct 2024

Arcade-style shooter game with modular architecture.

- Developed gameplay and animations using OOP and canvas rendering.

Technologies: Java, Android, Bitmap, Canvas

Food Delivery System

Apr 2024-June 2024

Terminal-based food ordering app with intelligent suggestions.

- Integrated voice login, Dijkstra's pathfinding, NLP, and discount mini-games.

Technologies: C, Terminal UI, NLP

ACHIEVEMENTS

- Runner-up in college-level AR/VR workshop project.
- Selected finalist in InnovateX National Hackathon.
- Participated in GenAI Hackathon associated by Intel

INDUSTRIAL TECHNICAL TRAINING

•Academy of Skill Development

June 2025 – July 2025

Data Science, AI, Machine Learning using Python

- Completed training on Python, data preprocessing, EDA, and supervised ML models.
- Capstone: **Zomato Restaurant Data Analysis** – explored trends in ratings, delivery, and location-based preferences.

POSITIONS OF RESPONSIBILITY

•NSS Volunteer - National Service Scheme

Sep 2023 – Present

- Completed **80+ hours** of service including clean-up drives and awareness events.

•Hostel Representative - Course Committee

Jan 2023 – Present

- Represented hostel students in academic committees to address concerns and bridge communication.