Mayur K S

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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
- **Library:** ReactJS
- **Databases:** Oracle SQL
- **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++, Cybernaut UI/UX

PROJECTS

IFSP – Voice-Controlled Wheelchair *2024–p*
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 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.