



BRIEF SUMMARY

Motivated Electronics and Communication Engineering graduate with strong problem-solving skills and a solid grasp of both software and hardware systems. Proficient in C++, with hands-on experience building full-stack and IoT-based projects. Known for analytical thinking, collaboration, and a disciplined, results-driven work ethic

KEY EXPERTISE

C++ HTML CSS TailwindCSS Javascript React.js Node.js Express.js MongoDB MySQL
Computer Networking OOPs Operating Systems DBMS

EDUCATION

LNMIIT Institute of Information Technology

2022 - 2026

B.Tech. - ECE | CGPA: **6.44 / 10**

Sanskar Public School, Gwalior

2022

12th | CBSE | Percentage: **92 / 100**

Modern Public School, Jhansi

2020

10th | ICSE | Percentage: **92.20 / 100**

PROJECTS

TOMATO

Key Skills: React.js Node.js Express.js MongoDB HTML CSS Javascript JWT

Project Link: <https://night-canteen.onrender.com/>

Built a full-stack food ordering web app for college campus use, streamlining the process of ordering meals from hostel canteens and food vendors.

Developed responsive frontend using React.js

Built secure user authentication and role-based access control using JWT.

Implemented dynamic menu browsing, cart management, and order tracking features.

Developed an admin dashboard for vendors to manage menus and process orders.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Strategic Analysis and IoT-Based Smart Waste Segregation for Sustainable Waste Management

Mentor: Dr. Vikram Sharma , Dr. Atul Mishra | **No. of Authors:** 3

Key Skills:

IoT Sensor Technologies Strategic Analysis Qualitative Research Methods Interpretive Structural Modeling (ISM)

This study presents an integrated approach to sustainable waste management by combining Interpretive Structural Modeling (ISM) with an IoT-based smart waste segregation prototype. The research identifies and structures key enablers—such as public awareness, technological innovation, and government policies—through ISM, offering strategic insights into improving waste management systems. Complementing this, a low-cost IoT prototype is conceptually designed to automate segregation into wet, dry, and metallic waste categories using sensors and microcontrollers. The work contributes to both theory and practice, emphasizing the importance of community engagement, technological adoption, and policy integration for effective and scalable waste management solutions.

POSITIONS OF RESPONSIBILITY

Finance Convenor, Sport Council ,Student Gymkhana , LNMIIT (August,2024 - August,2025)

As the **Finance Convenor**, I was responsible for overseeing and managing the entire financial operations of both the **Sports Council** and our flagship annual sports fest, **Desportivos**, with a total financial scope of approximately ₹40 lakhs.

My responsibilities included:

- Budget planning and allocation for multiple sports events and initiatives throughout the year.
- Ensuring transparency and compliance in all financial transactions.
- Coordinating with sponsors, vendors, and administration for fund disbursal and auditing.
- Maintaining financial records, preparing detailed reports, and managing real-time expense tracking.
- Leading a team to ensure all expenditures aligned with event goals and budgetary limits.

This role strengthened my leadership, financial planning, and organizational skills while contributing significantly to the successful execution of large-scale sporting events.

EXTRA CURRICULAR ACTIVITIES

- Coordinator of the Kabaddi Club, LNMIIT
- Event Organizer, Desportivos, LNMIIT

WEB LINKS

- Other - <https://leetcode.com/u/SjtsNhCk2c/>

PERSONAL DETAILS

Gender: Male	Date of Birth: 09 Jun, 2004
Marital Status: Single	Phone Number: +91-6387885118
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