NISHANTH SANJAY N

Enthusiastic and Analytical IT Engineer

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PROFESSIONAL SUMMARY:

An inquisitive IT student with strong programming skills, logical thinking, quick learning and a knack for creativity. Proactive and decisive team player passionate about emerging technologies. Dedicated to continuous learning and leveraging technical skills to contribute meaningfully to the industrial sector.

EDUCATION:

B.Tech in Information Technology 📅 Aug 2023 – Present
Madras Institute of Technology (MIT), Anna University, Chennai-44 CGPA: 8.0 / 10.0

12th Grade 2022 – 2023
AVB Matriculation Higher Secondary School, Coimbatore Percentage: 93%

TECHNICAL SKILLS:

Programming Languages: C, C++, Python, JavaScript
Web Development: HTML, CSS, React.js, Express.js, Node.js
Databases: Oracle DB, MongoDB
Tools & Version Control: Git, GitHub, Linux
Soft Skills: Critical Thinking, Communication, Teamwork, Problem Solving, Presentation, Collaboration, Creativity, Active Listening
Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems

PERSONAL PROJECTS:

E-Commerce Food Platform *Feb 2025 – Apr 2025*
Developed a full-stack food delivery application using **React.js, Node.js, Express.js, and MongoDB**, featuring restaurant listings, menu management, online ordering, a responsive UI, and an admin panel with basic fraud detection.

File Compression Tool (Huffman Encoding) *Sep 2024 – Nov 2024*
Built a Command Line Interface based lossless file compressor in **C**, achieving **40–60%** compression using Huffman Encoding and optimized bitwise operations for memory efficiency.

Static Portfolio Website *May 2025 – June 2025*
Designed and deployed a responsive personal portfolio site using **HTML, CSS, and JavaScript** to showcase technical skills, projects, and achievements.

ACHIEVEMENTS & ACTIVITIES:

- **Paper Presentation** 📄
  Presented an IoT-based smart infrastructure solution at **Idea Ignition '25**, held on 1st February 2025 at Velammal Engineering College, Chennai; recognized for technical innovation and real-world impact.
- **Club Activities:**
  - Member of Personality Development Association Club (PDA) Of MIT *Since 2024*
  - Member of Quantum Club Of MIT *Since 2024*
  - Volunteer of National Service Scheme (NSS) *Since 2023*
  - Member of Association of Computer Society of MIT *Since 2025*

INTERESTS:

• Book Enthusiast   • Chess   • Mathematics   • Thoughtful and Analytical Thinking   • Movies
• Art and Designing