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
Coursework: DSA, OOP, DBMS, OS

PERSONAL PROJECTS

GrubGrid – Full-Stack Food Delivery Platform   *Feb 2025 – Apr 2025*
Built a scalable food delivery site using **MERN stack** with real-time cart, user auth, and admin panel featuring fraud detection and dynamic inventory control.

ZipX – File Compressor using Huffman Coding   *Apr 2025 – Jul 2025*
Developed a **C++** CLI tool for lossless text compression with **47% size reduction**, supporting bit-level I/O and compression ratio reporting.

CodeCanvas – Personal Portfolio Website 📄   *May 2025 – June 2025*
Deployed a responsive site using **HTML, CSS, JavaScript** to showcase projects and skills; optimized for mobile and hosted via GitHub Pages.

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*
  - Member of Association of AUSEC of MIT   *Since 2025*

INTERESTS:

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