NISANTH G

+91 9345292781 📞

https://www.linkedin.com/in/nisanth-g-868044229/

https://github.com/nisanthg1010

https://leetcode.com/u/Nisanthg/

nisanthg1010@gmail.com ✉️

18/71 Vannagattu pudur ,N.K valasu (po)
Kangeyam ,Tirupur(dist) 🏠

CAREER OBJECTIVE 🎯

Searching for an opportunity where I can do my best and help the company win.

EDUCATION 🎓

- MCA – Kongu Engineering College, Perundurai (Pursuing) | CGPA: 9.20 (Till 1st Semester), 2024 – Present
- B.Sc Computer Systems and Design – Kongu Engineering College, Perundurai | CGPA: 8.73, 2021 – 2024
- HSC – Kongu Vellalar Matriculation Hr. Sec. School, Chennimalai | 70%, 2020
- SSLC – Kongu Vellalar Matriculation Hr. Sec. School, Chennimalai | 85%, 2018

AREA OF INTEREST 💡

- Mobile Application Development
- Internet of Things
- Research and Analysis
- MERN stack

SKILL SET 💻

- JAVA(BASIC)
- C(BASIC)
- HTML & CSS
- DATA STRUCTURES
- DBMS

CO-CUURICULAR ACTIVITIES 🧠

- 1st Prize – IoT Project "Intravenous Fluid Monitoring and Alerting" at Kongu Engineering College
- 2nd Prize – Paper on "ICT in Agriculture" at "Quantum'22," Kongu Engineering College
- 7th Prize – Project on "Survey of Land using Augmented Reality" at Kongu Engineering College
- 1st Prize – Mobile Application "Smart Healthcare System" in Intra-Department Hackathon, Kongu Engineering College
- 3rd Prize – Proof of Concept for "Smart Healthcare System" with Cash Award
- 1st Place – Algocode Event, Login 2024, PSG College of Technology

CONFERENCES ATTENDED 📚

- Presented a paper on "Survey of Land using Augmented Reality" at ICSMDI 2024, Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu (Feb 2024).
- Presented a paper on "IoT Integrated Smart Rover System for Disaster Relief Management" at ICSCSS 2024, Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu (Jul 2024).
- Presented a paper on "Unmasking Hypertension Using Machine Learning Algorithms" at ICMCSI 2025, Purbanchal University, Nepal (Jan 2025).

AWARDS 🏆

- Best Student in Co-Curricular Activities for the Academic year of 2022-2023 and awarded a special prize.
- Best Outgoing Student for the Academic year of 2023-2024 and awarded a special prize.
- Best Student in Co-Curricular Activities for the Academic year of 2023-2024 and awarded a special prize.

MEMBERSHIP AND LEADERSHI DETAILS 📌

- Placement Coordinator- 2022 – 2024 ,2025-2026
- Class Representative -2020-2024
- Active member in Research club and Anti-Drug Club- Present

PROJECTS COMPLETED 🛠️

- **IoT Intravenous Fluid Monitoring and Alerting:** A system to monitor IV fluid levels and alert nurses when the fluid is about to run out.
- **IoT-based Agricultural Monitoring & Alert System (AMAS):** Used IoT sensors to track soil moisture, temperature, and water levels for smart farming.
- **Land Survey Using Augmented Reality:** An AR-based app to help survey land and view property boundaries digitally.
- **Digital Platform for Agro-Center:** Created a web platform for farmers to buy agro-products and manage orders online.
- **Smart Grocery using MERN Stack:** Built a full-stack grocery shopping app where users can search for products and view their ingredients before ordering.

PUBLICATIONS 📄

- **Unmasking Hairloss Through a Fusion of Human Lifestyle Data Using Machine Learning Algorithms** – IEEE, ICMCSI 2025 Explores lifestyle-based hypertension prediction using ML algorithms.
- **IoT-Based Agricultural Monitoring and Alert System** – IEEE, ICSADL 2025 proposes a smart farming solution using IoT sensors for real-time monitoring.
- **Survey of Land Using Augmented Reality** – Springer, ICSDMI 2024 Introduces an AR-based approach to improve land surveying accuracy.
- **IoT Integrated Smart Rover for Disaster Relief** – IEEE, ICCCPT 2024 Designs an IoT-enabled rover for effective disaster management support.

PART-TIME FREELANCE EXPERIENCE 👨‍💼

Self-employed | 2024 – Present

- Worked on projects in ML, DL, Federated Learning, Web, and Mobile App Development.
- Built ML/DL models using Python, TensorFlow, PyTorch.
- Created web apps using the MERN stack.
- Developed mobile applications using Android Studio.
- Applied Federated Learning for secure model training.
- Helped students and clients with full project development and documentation.