NAVANTH RAJA.B

Student at Panimalar Engineering College

7010231848 navanth07@gmail.com https://linkedin.com/in/navanth-raja-8659a527a
https://www.hackerrank.com/profile/navanth07 Tiruvallur

SUMMARY

Bringing forth a motivated attitude and a variety of skills. Committed to utilizing my skills to further the mission of a company. Proven ability to establish and maintain excellent communication and relationships with everyone.

EDUCATION

UG

Panimalar Engineering College — 2022 - 2026

CGPA **8.5** / 10.0

HSC

VELAMMAL VIDHYASHRAM SURAPET

2021 - 2022

PERCENTAGE **73** / 100

SSLC

VELAMMAL VIDHYASHRAM SURAPET

2019 - 2020

PERCENTAGE **70** / 100

SKILLS

LANGUAGES: Java | SQL | PYTHON

TOOLS: | ECLIPSE | MYSQL8.0 | Python 3.14.0

CERTIFICATION

Circuit Design Expo '2k23'
Panimalar Engineering College,Chennai

EMF PROJECT Expo 2023
Panimalar Engineering College,Chennai

MICROCONTROLLER PROJECT EXPO
Panimalar Engineering College,Chennai

LEADERSHIP ACTIVITIES

I have led the design and development for my team in digital tachometer project by planning the workflow and assigning tasks to team members. Ensured the project stayed on schedule by monitoring progress and troubleshooting issues. Coordinated collaboration between hardware and software efforts for smooth integration.

EXPERIENCE

IMPLANT TRAINING

NEYVELI LIGNITE CORPORATION LIMITED(NLC)

06/2024 NEYVELI

Company Description

- Increased power generation efficiency by through optimizing mining operations and incorporating advanced technologies.

PROJECTS

Electrostatic sensor

10/2023 Chennai

Short Summary

- Increased safety by detecting high static levels using capacitive sensors and alert systems.

Electromagnetic Field Detector

11/2023 chennai

Short Summary

- Designed a circuit to detect electromagnetic fields using an inductive coil and **LM358 op-amp** for signal amplification. Processed analog signals to trigger an LCD, display buzzer, and LED alerts when EMF levels crossed a set threshold.

Digital Tachometer

11/2024 Chennai

Short Summary

- Developed a non-contact tachometer using an IR sensor and **ESP32 microcontroller** to measure and display RPM of rotating objects. Displayed speed on an LCD and activated buzzer/LED alerts when RPM exceeded a set threshold.

TRAINING / COURSES

Java Foundation

Introduction to Python