HARIHARAN SUBBURAJ

ECE ASPIRANT

OBJECTIVE

I am a qualified and professional Student with lot of hands-on experience in firmwares boards and programming. Strong problem solving and analytical skills. Team player with an eye for detail.

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📍 Trichy,Tamilnadu

🌐 netgineer.netlify.app

Skills

- C , C++ , Python
- Web technolgies
- Data Analysis
- ML models
- Node-red
- Git/Github
- MySQL
- Firebase

Education

BACHELOR OF ENGINEERING

GOVERNMENT COLLEGE OF ENGINEERING SRIRANGAM

2021 - 2025

CGPA : 8.0 till (6th sem)

SECONDARY SCHOOL

SKM High School

2019- 2021

PERCENTAGE : 95%

Language

English
Tamil
Telugu

Experience

BHARAT SANCHAR NIGAM LIMITED (BSNL) - TRICHY

Intern - Networking and Exchange maintenance

JUL 2024 - AUG 2024

- Gained practical exposure to various telecom network models.
- Explored architecture, protocols, and components of mobile communication networks, fixed-line networks, and broadband networks.
- Studied cellular technologies (GSM, CDMA, LTE).
- Learned call flow processes, handover mechanisms, and network performance metrics

PROJECTS

WATER BODY TRASH CLEANER USING ARDUINO AND L298N MOTOR DRIVER

Technologies Used: Arduino, L298N Motor Driver, LoRa module,, DC Motors, Aeration Pump, Conveyor Mechanism

Description: Developed a remote-controlled, Arduino-based device to collect and remove surface trash from water bodies. This project integrates LoRa enabledtechnology for controlling the movement of a trash-collecting conveyor system and utilizes an aeration pump to improve water quality. The system is designed to be efficient and user-friendly, addressing the need for cleaner water bodies.

Key Features:

- Remote Control: Enabled movement and conveyor operation via LoRa, providing precise control over trash collection.
- Conveyor Mechanism: Equipped with a motorized conveyor system to gather floating waste effectively.
- Aeration Pump: Integrated aeration system to enhance water oxygenation, supporting aquatic life and reducing pollutants.