VINETH K S

SEEKING A POSITION IN A COMPANY WHERE I CAN CONTRIBUTE MY IDEAS AND LEARN AND GROW WITH THE COMPANY

ABOUT

DOB : 07 OCT 2001
CITY : NAMAKKAL, TAMIL NADU

Contact

+91 6379285556

vinethks07@gmail.com

vine07gvks.github.io/portfolio/

linkedin.com/in/vineth-ks-40a531209

Skills

- Adaptability
- Quick Learning
- Time Management
- Leadership
- Proficient in basic AutoCAD for electrical wiring home designing

AREAS OF INTEREST

- Electrical Machines
- Digital Electronics
- Embedded Controller
- Power Systems
- Special Machines & Controller

Education

(2020 - 2024)
PSG COLLEGE OF TECHNOLOGY
Electrical And Electronics Engineering (SANDWICH)
CGPA : 7.72*

(2017 - 2020)
MUTHAYAMMAL POLYTECHNIC COLLEGE
Electrical And Electronics Engineering
Percentage : 95 %

(2016 - 2017)
LITTLE ANGELS MATRICULATION HIGHER SECONDARY SCHOOL
Percentage : 80.3 %

SKILL SET

LANGUAGES : C/C++ (Basics), Embedded C.

TOOLS : AutoCad, Arduino IDE**,** Proteus 8 Professional , Keil, Code Blocks, NI Multisim.

Internship Details

(Jul 2022 – Aug 2022)
TEKQUAD ELECTRONICS SOLUTION COIMBATORE

- Selecting required materials to build an electronic product
- Testing of various electronic circuits boards.
- Quality analysis

Training Details

(Oct 2020 - Oct 2023)
PSG INDUSTRIAL INSTITUTE, COIMBATORE.

- Manufacturing, Assembly and Testing of Induction Motors and Submersible Pumps

PROJECT DETAILS

◆ **ENERGY MONITORING AND CONTROLLING IN SMART HOME USING IoT (Dec 2024 – Apr 2024)**

- This project introduces solution for **limiting** the **consummation of power** from the **grid**, by using **IoT based controllers.**
- Based on the **Grid peak** Or **Normal** which is determined by the power provider the **consumer can switch** between **grid and solar Simultaneously**.
- consumer can **control** the individual **loads** and also **monitor** the **parameters** using **IoT**.

Tools: Code Editor & Language: Embedded C

◆ **IoT BASED UID CHARGING FOR ELECTRIC VEHICLES (Jun 2023 – Oct 2023)**

- This project introduces a solution for **monitoring** the **battery parameters.**
- Verify the **payment status** of the vehicle in the charging station through Arduino.

Tools: Code Editor & Language: Embedded C

◆ **IoT BASED INDUCTION MOTOR MONITORING SYSTEM (Feb 2022 – Apr 2022)**

- This project introduces a solution for **monitoring the various parameters** of a motor through Arduino and the Arduino cloud to view real-time status information.
- This innovation enhances motor management and offers effortless **mobile-based** supervision of vital motor parameters, streamlining efficiency and control.

Tools: Code Editor & Language: Embedded C

◆ **SOLAR TRACKING SYSTEM (Dec 2019 – Mar 2020)**

- Create the **servo motor control** code in the **embedded C** language using the Arduino IDE.
- PV surface that can be rotated/tilted around axes using servo motor to derive a proper angle that can help them get the maximum sunlight.
- This project exemplifies a sustainable approach to harnessing solar power with enhanced **precision and effectiveness.**

Tools: Arduino IDE & Language: Embedded C

Mini Project

◆ Motion Detection Using 8051 (Mar 2022)

EXTRA CO-CURRICULAR ACTIVITIES

- I completed the course in PLC basics certified by L&T

EXTRA CURRICULAR ACTIVITIES

- Arm wrestling **1st** place in intra college level.
- Javelin throw **1st** place in school level.
- Shotput throw **2nd** place in intra college event.
- Thug of war **2nd** place in intra college level.

HOBBIES

- Listening to Music and Stories
- Playing Carrom

DECLARATION

I, VINETH.KS, do hereby declare that the information given above is true to the best of my knowledge.

(VINETH K S)