Ananthan A

B.Tech UnderGrad

Motivated and technically proficient engineering student seeking a job opportunity in the dynamic intersection of hardware and software development. Eager to leverage a strong foundation in electrical engineering and programming to contribute to cutting-edge projects. Passionate about exploring the synergy between hardware and software. Excited to apply problem-solving skills, creativity, and adaptability to collaborate on innovative solutions that bridge the gap between hardware and software realms.

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○ github.com/Ananthan831

EDUCATION

Btech in Electrical and Electronics Engineering

National Institute of Technology Calicut

12/2020 - Present   *CGPA : 8.36*

12/HSE

Viswabharathy Public School Neyyattinkara

2019   *Percentage: 96%*

10

Viswabharathy Public School Neyyattinkara

2017   *CGPA: 10*

INTERNSHIP

Summer Intern
RS GROUP

05/2023 - 07/2023

Achievements/Tasks

- Gained knowledge on the electrical systems in a oil refining company.
- A site visit to BPCL Kochi Refinery to have exposure to Process Units, captive Power Plants and Main Control System

SKILLS

Embedded Systems | C Programming | Python | SQL | VLSI | Digital Electronics | Analog Electronics | Matlab | Microsoft Office | HTML/CSS

PROJECTS

LPG Gas Leakage Detector

- Successfully completed project on LPG Gas Leakage Detector using PIC16f455A Micro-controller.
- Developed a circuit for LPG leakage measurement using Arduino UNO

Roomba- Email Management

- Developed a robust and automated system that identifies and deletes unwanted emails based on predefined keywords, enhancing the efficiency of email management.

DC Buck Converter

- To convert the given 9V appropriately to 3V and 5.5V using circuit elements like inductors, winded from scratch.

WORKSHOPS ATTENDED

Workshop on Electric Vehicles (02/2022)

Attended a comprehensive workshop on Electric Vehicles, gaining in-depth knowledge of EV technology, components, and systems.

CERTIFICATIONS

DIGITAL IC DESIGN
- Completed a NPTEL Swayam course on Digital IC Design which includes the concept of VLSI
- Awarded with Elite Certificate

CHIP DESIGN PROGRAM
- Participated in Chip Design Program held in NITC in collaboration with IBM

LANGUAGES

Malayalam
Full Professional Proficiency

English
Full Professional Proficiency

Hindi
Limited Working Proficiency

Tamil
Limited Working Proficiency

INTERESTS

Music   Painting   Reading

Playing Badminton