RESHMA
Software Engineer

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SUMMARY

Engineer with 1 year of experience in designing, developing, and testing firmware solutions for various applications. Proficient in c / c ++ Python, and embedded hardware design, with a strong understanding of microcontroller. Demonstrated ability to troubleshoot and optimize performance, while effectively collaborating in team settings. Eager to contribute to innovative projects and expand expertise in embedded systems development.

EDUCATION

Panimalar Institute of Technology

Bachelor of Engineering –
Electrical Electronics Engineering
August 2018 - April 2022
83%

SMS Vimal Matric Hr Sec School

HSC 12th – 70%
June 2017 - April 2018

Selvam Matric Hr Sec School

SSLC 10th - 83%
June 2015 - April 2016

SKILLS

- C
- C++
- Python
- Microcontroller
- Embedded system
- Embedded C

HOBBIES

Traveling
Public Speaking

PROFESSIONAL EXPERIENCE

PROJECT ASSOCIATE

SETS | August 2023- Nov 2023

- Python
- Server and client connect establish using VPN Wireguard
- Complied the wireguard various Linux diso
- Handshake pattern of static keypair and temporary keypair using Noise protocol

SOFTWARE ENGINEER

VVDN Technology| July 2022 - April 2023

- Implemented nrf52840 control the relay using GSM (sim900A) –SMS to turn ON/OFF.
- Communicate two board (nrf52840) through Bluetooth to turn on/off the relay and display in LCD.
- Implemented ADXL345 Accelerometer to communicate through I2C using nrf53840.
- Create custom linux image in yocto.
- Create new url in redfish for openbmc

INTERNSHIP

ANORA INSTRUMENT PVT | March 2022 - May 2023

- Testing the semiconductor using automatic test equipment