NIVED O

FULLSTACK DEVELOPER

OBJECTIVE

To develop my career as a highly talented associate where I will be a valuable team member, contributing quality ideas and work for an organization where there is an ample scope for individual as well as organizational growth.

EXPERIENCE

Junior Embedded firmware Engineer

Atwic Research and Development Pvt Ltd
02/2022 – 06/2022

EDUCATION

Internship in FullStack Development

Futura Labs(ongoing)
Kozhikode

Advanced Diploma in Embedded system development

Quest Innovative solutions
Kannur
(02/2021-09/2021)

Bachelor in Electrical and Electronics – 6.26

Institute of Engineering & Technology,Thenhipalam
Malappuram kerala,
Calicut University
Course completion-2018

CONTACT

9562013653
nivedramachandran@gmail.com
Ondakken House,
Azhikode, Kannur,670009

SKILLS

- Python
- HTML
- JavaScript
- React js
- C
- C++
- PIC
- ARM
- ARM-CORTEX
- RASPBERRY PIE
- EMBEDDED SYSTEMS

SOFT SKILLS

- Communication
- Quick Learning
- Research and Analysis
- Problem solving Skill

PROJECT DETAILS

Job Portal(Ongoing)

Developed the website for job seeking .
Frontend of the project is devloped using ReactJs and Backend of the project is developed using Python.
Tools used are Visual studio code and Pycharm

Palliative Care Management (ongoing)

Developed the website for Palliative care management. And the project is developed using Python and Pycharm.

Workshop Management(Mini Project)

Developed the website for workshop management. And the project is developed by using Python and Pycharm.

Vibration Logger

This project is developed using Embedded c in MPLAB Ide to measure vibration effects on surface. of an object.ADXL372 IC is used for measuring vibration

Embedded Device Drivers Developed

LSM6DSM(Acceleration and Gyroscope IC)

Driver developed to measure acceleration and motion. Tools used are Embedded c and MPLAB Ide.

BQ27411G1(Battery Gauge IC)

Driver developed to measure Battery level, Remaining Voltage, Total capacity, etc. Developed using Embedded C.

ADXL372

Driver developed for measuring acceleration. Developed using Embedded c.

ACADEMIC PROJECT

Firefighting Robot Operated By Remote Control

This project involves the design of a remote . controlled firefighting robot that can be controlled from a mobile application.

PROGRAMMING TOOLS

- Visual Studio code
- Pycharm
- MPLAB
- KEIL
- Protues
- WINAVR

LinkedInid:Nived Ramachandran
GitHub: github.com/nived5