# NIVED O

## PYTHON FULLSTACK DEVELOPER

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## 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

### 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

## INTERSHIP

### Internship in FullStack Development

Futura Labs Technologies LLP
Kozhikode

## CONTACT

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## SKILLS

- Python
- HTML
- JavaScript
- React js
- Rest API
- 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
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
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
- Postman
- MPLAB
- KEIL
- Protues
- WINAVR