Sidhik AR

Embedded system developer

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ANJIKKATTU (H) , SREEMOOLANAGARAM , Aluva, INDIA

To mold as a committed and trustworthy member, taking the privilege to unfold my talents and skills in the indoctrinate and industrial platform, thereby utilise the opportunities to learn and nourish myself with master brains of various fields.

WORK EXPERIENCE

Embedded system developer
Qrio Technologies pvt ltd

11/2016 – Present *Kakkanad, Ernakulam*

Qrio technology is IOT based Home automation company.

Achievements/Tasks

- Designed and developed automation products and analytical data structures
- Evaluated project requirements and specifications and developed hardware product that surpassed client expectations
- Collaborated on all stages of systems development lifecycle, from requirements gathering to production releases

EDUCATION

Master of Science
Cochin University of Science and Technology

06/2015 – 06/2017 *First Class*

Course

- in Electronics.

Bachelor of Science
Presentation collage of applied science

05/2012 – 04/2015 *First Class*

Courses

- in Electronics

Intermediate
Institute of human research development,Kapprassherry

05/2010 – 03/2012 *58%*

Matriculation
St.Sebastian H.S ,Kanjoor

03/2009 – 04/2010 *74%*

SKILLS

C ,C++, Node js,python, protues, kicad, inkscape, Ms-Office, Digital electronics , image processing, PCB designing, Circuit designing,

Micro controllers :- 8051, PIC16F877A, PIC16F1705, PIC16F18326, PIC1F1938, PIC18F2K40, PIC18F27K40, Atmega328p, ESP01, ESP12E, ESP32, NODE MCU,

PERSONAL PROJECTS

Traffic pre-emission system with smart ambulance (BSC project) (12/2014 – 03/2015)

- The control of traffic lights by an emergency vehicle(Ambulance) by a signal that is pre-emitted and also have a smart ambulance.

Smart hostel (MSC first year project) (05/2016 – 09/2016)

- This project is deals with the wireless communication of the master and slaves. Here master is a var-don room and slaves is a number of rooms. Aim of the project is if the master is allows to access the appliance in the room at the registering time.

Universal RF Remote (internship project) (11/2016 – 03/2017)

- Used to control all electronics devices they are worked in RF region.

Clap switch (DIY project)

- This is a DIY project. Using a microphone, 555 timer ic and a pic16f1705 micro controller. It deals whenever sound is detected glow the bulb in the output side using a relay.

Smart clock (DIY project)

- This is a DIY project. an ESP 12E (micro controller plus wifi chip) and a RTC module used to display the time and date in lcd screen. also can connected mobile phone using wifi to set alarm, remainder notes etc.

Smart Home (DIY project)

- This is a DIY project, using an ESP 32 WiFi enabled micro controller chip to control home appliances like fan, light etc.it can control with physical switch, mobile app, and google assistant.

Weather forecasting (DIY project)

- in this project using a Node mcu WiFi module to take the weather from the cloud and it displayed in the LCD via a I2C protocol.

LANGUAGES

English ●●●●○

Hindi ●●●○○

Malayalam ●●●●○

INTERESTS

Make DIY projects,Coding, PCB designing, Circuit designing,