

Dynamic Embedded Software Developer. With a year of hands-on experience in embedded software development, I possess strong proficiency in C and Embedded C. Skilled in working with platforms such as Arduino Uno and Raspberry Pi, I am eager to contribute my expertise in embedded software development or testing roles.

EDUCATION

Bachelor's Degree

Bangalore Institute of technology

09/2017 - 08/2021

Bangalore, India, 6.6 cgpa

Courses

- Electronics & Communication Engineering

WORK EXPERIENCE

Embedded Developer

PAM Electronics Pvt. Ltd.

01/2024 - Present

Bangalore

1. Project Title: Wireless Communication Module nrf24l01

Technology: Embedded C

- Description:
- Using the Joystick at the first Arduino we will control the servo motor at the second Arduino, and vice versa,
- This Sensor is about sending the data in transmitting side and checking whether the data is received in receiver side or not.
- Using wireless joystick, controlled for the Robot Car Base.
- Involved in developing the code, fixing the bugs and also had been in basic hardware side like soldering, drilling.

2. Project Title: GSM-based Cellular IoT Home Automation

Technology: Embedded C

Description:

- This is about tracking the phone or an electronic device or Home Appliances from any place using the remote or external devices.
- Tested by Inserting SIM card in the SIM800L module and connect any appliance through a relay.

3. Project Title: Project Title: Figaro TGS2600 Cigarette Smoke Detector, Figaro TGS2610 Alcohol Detector

Technology: Embedded C

Description:

- Figaro is an Industrial Sensor and done in the company, This is about to detect the Alcohol and also Smoke.
- Involved in developing the code, fixing the bugs and also had been in basic hardware side like soldering, drilling.

Internship

Dollarbird technologies Pvt. Ltd

08/2023 - 12/2023

Mysore, India

Courses

- Android App Development

SKILLS

C

IoT

Protocols like I2C, SPI, UART, RS-232

Testing in Embedded

Microcontroller and Microprocessor peripherals

Software: Arduino IDE, Git, Java, Android

PROJECTS

1. PennyMead Project

- Technology: Android Java
- This is Real-time E-commerce app which consists of 8 Screens.
- Used RecyclerView, MVVM + Retrofit, Shared Preference and Firebase
- I Had done pagination
- I did this project during my Internship at Dollarbird technologies Pvt. Ltd., Mysore

2. Fog Estimation and image processing

- Technology: CNN, DNN
- This Project is about Fog Estimation in an image or a place using Neural Network
- I had done this project in College.

CERTIFICATES

Java Full Stack Development

Tap Academy, Bangalore

LANGUAGES

English

Full Professional Proficiency

Telugu

Native or Bilingual Proficiency

Kannada

Native or Bilingual Proficiency

Hindi

Professional Working Proficiency

INTERESTS

Reading Books

Teamwork