**GUMMADIDALA SUNITHA**

**Email**: [gummadidalasunitha12@gmail.com](mailto:gummadidalasunitha12@gmail.com)

**Mobile no:** 7032294057.

**Objective:**

To work as an embedded software developer in an organization where I can utilize my existing skills and knowledge

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**Technical Skills:**

* Hands on experience on embedded c programming on STM32F401RBT6 Controller and ARM cortex-M4 architecture.
* Knowledge on Intel and ARM Assembly programming.
* Knowledge on source code version control tool Git.
* Knowledge on Hardware Debugging.
* Knowledge on Linux.

**Skill Set:**

**Operating system :** Linux

**Languages :** C, Shell Scripting, Embedded C

**Debugging Techniques :** GDB

**Qualification:**

* 6 months Training on Embedded Systems at Kernel Masters Institute.
* B.Tech in Electronics and Communication Engineering from Chalapathi Institute of Technology

with 67%, in year 2019

* Intermediate in MPC from VAGDHEVI JUNIOUR College from Narasaraopeta with 65%, in year 2015
* SSC from Z.P.H.S School Chavitipaalem with 70%, in year 2012

**Project: IOT - Smart Weather Monitoring System**

**Hardware Platform :** STM32,Raayanmini Board

**Development Tools :** Keil Software

**Platform :** Windows

**Aim of the Project:**

It is interface with LM35, LCD & Wi-Fi modules and it Collect the Temperature Value from LM35 Temperature Sensor for every 5sec and display on LCD and also send to the Kernel Masters Webserver.

**Roles and Responsibilities:**

* Understand schematic diagram of Rayaanmini Board and study data sheet.
* Understand the communication protocols like UART, I2C.
* Implement Embedded C Program to collect Temperature Value from LM35 Temperature Sensor and convert from Analog to Digital using ADC

**Declaration:**

I hereby declare that the above given information is correct to the best of my knowledge

**Place: signature :**

**Date:**