**R.V.HEMASREE  
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**Objective:**

To work as an embedded software developer in an organization where I can apply my knowledge and develop new skills to contribute in the accomplishment of organizational goals.

**Summary**:

* Experience on embedded c programming on STM32F401RBT6 Micro Controller and ARM Cortex M4 architecture on hands.
* Knowledge on Intel and ARM Assembly programming.
* Experience on source code version control tool Git.
* Experience on hardware debugging using ST-link debugger.
* Knowledge on I2c and UART Protocols.

**Skill Set:**

* **Languages :** C, Shell Scripting
* **Debugging Techniques :** GDB.
* **Operating Systems :** Linux Basics.

**Qualifications:**

* PG Diploma in Embedded System Design in Kernel Masters.
* B.TECH in Electronics and Communication Engineering with Second class marks from G.Pullaiah college of Engineering and technology Kurnool, in the year 2020.
* Diploma in Electronics and Communication Engineering with 64.18% from Government Polytechnic Adoni, in the year 2014.
* SSC with Second class marks, from Z.P.High School, in the year 2011.

**Project: IoT - Smart weather monitoring system  
Hardware Platform :** Keil Software.  
**Development Tools** **:** STM32  
**Platform :** Windows  
**Description:** This project is interface with LM35, LCD & Wi-Fi modules. To Aim of this project is to collect the temperature value from LM35 Temperature Sensor for every 5sec and display on LCD also send to the Cloud server.

**Roles & Responsibilities:**

* To understand the block diagram of Rayaanmini Board.
* Understand the communication protocols and study Data sheets.
* To collect Temperature value from LM35 Temperature Sensor and Converting Analog to digital by using this components implementing program in Embedded C.

**Declaration:**I hereby declare that all the details mentioned above are true, up-to my knowledge.

Place: Signature :Date: