**DEVENDRA REDDY**

email:devareddy4567@gmail.com

Ph: +91-7730007756

**CAREER OBJECTIVE:**

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle with sheer determination, dedication and hard work.

**TECHNICAL STREGTHS:**

* Good programming kills in C.
* Good Knowledge of embedded software development for ARM architectures.
* Practical experience in different ARM family of microcontrollers(ARM7)
* Practical experience in Debugging tools like GDB.
* Good knowledge on SDLC.
* Good knowledge in Linux system programming.

**TECHNICAL SKILL SET:**

* **Languages** : Embedded C
* **TOOLS**  : KEIL µVision-3
* **Compilers & Debuggers**:GCC, GDB
* **Microcontrollers** : ARM7, LPC2148
* **Protocols** : I2C,UART

**EDUCATIONAL QULAIFICATIONS:**

* B.tech from ksrm college of engineering in ECE department with 65.13.
* Board of Intermediate from NRI college with 92.3.
* SSC from valmeeki school with 90.1.

**PROJECT 1:**

**Project Title**  : PIR SENSOR BASED ON ADVANCED SECURITY SYSTEM

**Description**: PIR sensor is one example which detects of motion. The main of this project is to provide high security for home is to detect the motion sensing, fire detection, gas leakage detection. If system detects any fire gas or motion in house they give corresponding signal to the microcontroller, and the microcontroller sends the information collected by the sensors through GSM modem to the required user.

**Responsibilities:**

* Responsible for Development of application in hardware interfacing with PIR sensor.
* Have written user space programs in embedded C to access/test different peripherals on board.

**PROJECT 2:**

**Project Title** : **CONTROLLER- COMM**

**Tools :** C, Linux and GDB.

**Description**:

The scope of this project is to develop the Application software for the Controller-Comm system in an automobile, which acts as an interface to the mechatronics controller (MC) ECU and Web server. The mechatronics controller is an ECU present in truck and is responsible for acquiring vehicle parameters, these parameters are transferred to the Controller -Comm ECU which works with embedded Linux OS, that uploads all the parameters to a web server. The MC-Comm also communicates with GPS system for acquiring location information.

**Responsibilities:**

* Responsible for Development of application in Linux for GSM, GPS and GPRS module.
* Have written user space programs in Linux to access/test different peripherals on board.

**PROFILE:**

Full Name : DEVENDRA REDDY

Languages Known : English, Hindi and Telugu.

Nationality : Indian

**DECLARATION:**

I, hereby declare that the above furnished information is correct and true to the best of my knowledge and I feel the responsibility for the correctness of the above mentioned particulars.

DEVENDRA REDDY