**DHOKI VIJAY KUMAR**

**Email Id:** vijay.dhoki2013@gmail.com **Contact No.: +917013089556**

**Career objective:**

Flexible and Enthusiastic on my work, willing to learn new technologies, Ability to work in different work environment and provide data driven solutions.

**Technical skills:**

* Good command on C, C++, Embedded C.
* Data Structures.
* System Programming.
* Device Drivers .
* Knowledge on Microcontrollers 8051, Atmega328.
* Hands on experience with Arduino, ESP8266/NODMCU, Raspberry pi.
* Familiar with Arduino Ide, keil.
* Knowledge on protocols like UART, SPI , I2C, TCP/IP.
* Hardware design and development knowledge on Internet of things (IOT).
* Worked on **Qualcomm Build Flashing Tools** like QFLASH.
* Worked on **Qualcomm-MSM8909**  soc board bring up activity

and BSP Integration.

* Technical tools are Ctags, Gdb, Make, Git, Cscopes.

**Experience at VotarySoftech Pvt.Ltd. (** from jan-2019 to till now**).**

**PROJECTS #1:**

**Project Title : MSM8909**

**Tools :** QFLASH , QFIL , QCN

**Module** **:** LYF mobile

**Roles and Responsibilities** :

* Initial log analysis .
* Support for bug fixing to internal team for client projects .
* Maintenance and testing of source code, Flashing the image file.

**PROJECTS #2:**

**Project Title : Implementing a driver for DHT11 sensor.**

**Tools :** Gdb,Git, Ctags.

**Tool chain :** Arm-Linux-gcc Tool Chain

**Roles and Responsibilities** :

* Kernel building for target board.
* Analysing the logs .
* Resolving the kernel oops with help of Gdb too.

**Description :** DHT11 sensor measures the temperature and humidity,it mainly used in domestic and industrial purposes. Driver code here is getting a data ,transfering to user mode.

**Experience at Unipoint IT Solutions (**from OCT 2017 to NOV 2018**)**

**Project Details:**

**1. Home Automation.**

Platform : Arduino Uno,NODEMCU.

OS : WINDOWS 10.

Role : Software Developer.

Language : Embedded C

**Responsibilities** : Develping an Embedded C code, Trasmission of data between the module and board, Hardware implementation.

**Description :** Home automation is building automation for a home, called a smart home or smart house. A home automation system will control lighting, climate, entertainment systems, and appliances.

**Education:**

* B.Tech from St.Peter's Engineering College ( SPEC ), Hyderabad affiliated to JNTU-H with 63.18 % in 2017.

**Training and Certificates:**

Trained at Tech Veda underDomain of Device Drivers.

**Personal details:**

**Father’s Name :**  D.Mondaiah.

**Date of Birth :** 17-July-1994**.**

**Sex :** Male .

**Languages Known :**  Telugu, Hindi ,English.

**Address :**  9-2-77/18/1/A, Anjaiah Nagar,Old Bowenpally.

Hyderabad, 500009.

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**DECLARATION:**

I here by declare that the above information is true to the best of my knowledge and belief.

Place :

Date : ( DHOKI VIJAY KUMAR )