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| NAME | G.Tejadeep |
| EXPERIENCE | 1+ year |
| Current Location | Hyderabad |
| Preferred Location | Bangalore |
| Availability | Immediately |
| Last updated Date | 23 / 08 / 2019 |
| Profile Highlights | C, C++,Python, Infotainment Project, Protocals, QXDM tool |

**Career Objective:**

To obtain a position of responsibilities that utilizes my skills and experience and keen to work in an environment where I can enrich my knowledge.

**Experience Summary:**

* Hands on experience on C, C++**,** Embedded\_Cand Linux system programming
* Developed Stack Application by Using Class Templates
* Knowledge on Linux internals and RTOS
* Hands on experience on UART, I2C, SPI**,** and CANProtocals
* Knowledge on Shell Scripting
* Built Qualcomm-MSM8909/8905 source code and flashed it on LYF Mobile

using QFLASH tool

* Hands on experience on using the Configuration Management tools like GIT
* Hands on experience on log collection, Call maneger in QPST tool for MSM8940 chipset**,** backup image using QCN
* Knowledge on CI tool (Jenkins) and pipeline implementation for Integration
* Ability to learn things quickly, adjust to people, good team player, hard working with ambitious and realistic attitude.

**Professional Experience:**

* Working as Embedded Engineer at VotaryTechfrom June, 2018 to till date.

**Technical Skills:**

• Domain:Infotainment

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| • | Programming Languages | C, Embeded C, Data Structures, C++, Python |
| • | Operating System | Linux OS, Windows, RTOS |
| • | Hardware | 8051 board and ARM processor (LPC 2148 Development Board) |
| • | Tools | Gcc, Keil\_verion\_4 , GIT, QFIL, QXDM, BUSMASTER, Jenkins |
|  | Protocols | UART, I2C, SPI, CAN. |
|  | Bug Tracking Tool | Mantis |
|  | Debugger | GDB tool |

**Educational Qualifications:**

* Certificated as Embedded Engineer at Vector India.
* BTECH (Electrical and Electronics) from 2014 to 2018, Annamacharya Institute of Technology and Sciences, Rajampet.

**Projects Summary:**

**Project #1: INFOTAINMENT**

**Company** : Votarytech

**Duration** : Started from January and going on.

**Technologies** : NXPI.MX6 quad processor, AGL software,BusMaster tool.

**Description** : The Project describes about the Information related to all internal peripherals and the Entertainments related to audio,video. This combined together called Infotainment which is used in automobiles. In this we can control and monitor all peripheral through Dashboard and also we can get the information related to the internal peripharals.Right now in our dashboard three pages are there in first page it is about information details and second page is Entertainment page which contains media like audio and vedio and in third page is controller page, from this page we can control and operate peripherals like head and rear lamps, doors, temperature etc.

**Roles & Responsibilities**:

* By using CAN protocol, can control all peripherals in vehicle and make communication between ECUs(nodes)
* Installed CAN driver to IMX.6 SBC and from program we call all the API’s in driver.
* Worked on Busmaster tool to monitor the communication of ECU’s
* Implemented source code for MPU6050 sensor to communicate raspberrypi3
* Working on controller page in that we need to communicate between peripherals through CAN controller
* Devoloping our code in transmitting and receiving side, from one node we can send the data and from other node we can receive the data and vice-versa.

**Project #2: Board Diagnostics for 8051 Development Board**

**Company** : Votarytech

**Duration** : From june, 2018 to January 2019

**Technologies** : Windows XP , Keil Microvision 4 IDE tool, Embedded-C language, 8051 Board

**Description** : To check each peripheral in 8051 board working or not, peripherals likeUART, LCD display, I2C, SPI, Seven Segment Display, DC Motor, LED Lights etc. Using UART protocal we can connect PC to 8051 board and analyse working of each peripheral in our PC. Connection between PC and 8051 board is done by through DB9 cable, we dump our code to uart in 8051 board from uart only we read the messeges to PC.

**Roles & Responsibilities:**

* Interfaced 8051 board Hardware with all required components
* Devoleped code for the project and dumped the code from hyperlink in windows through the DB9 cable to Uart in 8051 board
* Embedded C language is used to develop the code
* Verified all test cases to the developed code and moniter the test cases in display.

**Personal Information:**

Father's name : G.Raghuramaiah

Date of birth : 31st May 1996.

Gender : Male

Languages known : English, Telugu, Hindi

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mobile no : 9966577815

**Declaration:**

I hereby declare that the information given above is true to the best of my Information knowledge belief.

Date: Signature

Place: (Tejadeep)