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| Name | Tejadeep Giddaluru |
| Email ID | tejadeep.g@gmail.com |
| Phone No | 9966577815 |
| **Experience Summary (Total 0.5yrs Experience )** | |
| * 5+ months experience as an embedded engineer * Hands on experience in **C, C++,** Embedded\_Cand Linux system programming * Developed Stack Application by Using Class Templates * Good knowledge and experience of **Linux** **OS** and **Windows Platforms** * Good knowledge on **GIT, GITHUB** * Having knowledge in **UART, I2C, SPI,** and **CAN** Protocals * Built Qualcomm-MSM8909/8905 source code and flashed it on LYF Mobile   using QFLASH tool and QFIL   * Good kowledge on using the Configuration Management tools like  **GIT** * Good knowledge on log collection, Call maneger in **QPST tool**  for MSM8940 chipset**,** backup image using QCP * Hands on experience in Board Bring up for target embedded devices * Good Knowledge on Linux Internals and RTOS * Good Knowledge on MATLAB * Good knowledge on Devops tools like **Jenkins, Maven, Vagrant, Sonar qube** * Knowledge on CI tool (Jenkins) and pipeline implementation for Integration * Ability to learn things quickly, adjust to people, circumstances and responsibility, hard working with ambitious and realistic attitude. | |
| **Skill Summary** | |
| Qualification | B.Tech(Electrical and Electronics) |
| Languages | C, Embeded C, Data Structures, C++, Python basics |
| Hardware | 8051 board and ARM processor (LPC 2148 Development Board) |
| Platforms | Unix/Linux, Windows |
| Version Control Systems | Git |
| Debugging | GDB |
| Tools | Gcc,Keil,MATLAB, QFIL, QXDM, BUSMASTER |
| Protocols | UART, I2C, SPI, CAN. |

| Project Summary | |
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| **Company**  ( Votary Tech) | **Name:**  CAR INFOTAINMENT  **Project Description:**The Information related to Engines,Temperature and internal peripherals and the Entertainments related to audio,video are combined together to use in automobiles.In this we can control and monitor all peripheral through Dashboard.  **Hardware Used :** NXPI.MX6 quad processor  **Software used :** AGL  **Tools used :** BusMaster  **Role:**   * By using CAN protocol, can control all peripherals in vehicle and make communication between ECU’s(nodes) * Installed CAN driver to IMX.6 SBC and from program we call all the API’s in driver. * Worked on Bus-master tool to monitor the communication of ECU’s * Working on controller page in that we need to communicate between peripherals through CAN controller * Developing our code for transmitting and receiving side, from one node we can send the data and from other node we can receive the data and vice-versa |
| **Institute**  **Project**  **(Vector India)** | **NAME:** Board Diagnostics for 8051 Development Board  **Description:**  To check each peripheral in 8051 board working or not, peripherals like  UART, 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.  **Language :** Embedded-C  **Operating Window :** Windows XP  **Hardware :** 8051 Board  **Software :** Keil Microvision 4 IDE  **Role :** programmer |
| **Academic Project** | **Title**:- SIMULATION OF SIMPLIFIED SVPWM BASED CASCADED MULTILEVEL INVERTER FED INDUCTION MOTOR DRIVE.  **Description:**  To develop the multilevel inverter by cascading of two 2-level inverters.Two different pwm techniques ie., SVPWM and SPWM were discussed for cascaded multilevel inverter topology. From the results it was conclude that total harmonic distortion of line voltage and line current has been reduced by using SVPWM when compared with SPWM in two 2-level inverter topology.  **Software Used:** MAT LAB  **Role:**   * 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. |
| **COURSE DETAILS** | * Organization Name: **Vector India Pvt. Ltd**. ,Bangalore * Course Title: **Embedded System** * Duration: Six Month * Platform/Technology: C, C++, Linux internals, 8051 Microcontroller, TCP/IP, RTOS, CAN, SPI, I2C, UART. |
| **Training** | * Breif introduction training on Devops. |
| **Academics** | * (B-Tech) | Electrical and Electronics | 2014-2018 | 72.11 %   Annamacharya Institute of Technology and Sciences | Rajampet.   * Intermediate (+2) | (MPC) | 2014 | 87.6%   State|Bhavana junior college, Proddatur.   * Secondary School Certificate (SSC, X) | 2012 | 8.8 CGPA   State | Aditya High School, Proddatur. |
| **Achievements** | * Got first prize in “Carroms” Compitation in IVTS-2K12.   + - Got first prize in JAM. * Paper Presentation on “ECALL’’-CBIT College of Engineering.   + - Participated in Workshop on “Designing Solar Energy PV systems”.     - Anchor and Dancer at college events. |
| **Personal Skills** | * + - Good communication skills     - Leadership skills     - Ability to work as a team     - Positive Attitude. |
| **Personal**  **information** | Father's name : G.Raghuramaiah  Date of birth : 31st May 1996.  Gender : Male  Languages known : English, Telugu, Hindi  Address : 5/89, Vijayanagaram street, Proddatur, Kadapa(dist) A.P. - 516360 |

**Declaration:**

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

Date: Signature

(Tejadeep)