**RESUME**

**PRITHIVIRAJ.R**

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**OBJECTIVE**

Seeking a career in an interactive organization that offers a consistently positive atmosphere and provides a challenging platform for strengthening my technical knowledge and learn new technologies and implement them for the betterment of the organization.

**TECHNICAL SKILLS**

* Programming Languages: C, Embedded C, Core Java, Basics of Python
* IDE: MPLAB, Kiel4
* Microcontrollers: PIC18F4520
* Protocols: UART, SPI, I2C, CAN
* Peripherals: Bluetooth, RFID, GSM
* Simulation tool: Proteus
* OS: Windows10
* Good knowledge of Linux, Apache, Git; ability to work with a complex technical environment

**EDUCATION**

* Bachelor’s degree in Electronics and Communication Engineering, (71.6%), Dhanalakshmi Srinivasan engineering college, (2011) Perambalur, Tamil Nadu
* Higher Secondary School, (81%), Aruna Higher Secondary School, (2007) Eraiyur, Tittakudi.
* High School, (78%), Indian matriculation Higher Secondary School, (2005) Tittakudi.

**WORK EXPERIENCE**

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| --- | --- | --- |
| **Company** | **Designation** | **Experience** |
| **V Act Technologies,**  **Coimbatore.** | **Embedded Software Engineer** | **2 Years(**November 2017 2018 to till) |
| **Zeus solutions** | **Support engineer** | June 2012 to October 2015 (3 years 4 months) |

**PROJECTS**

* **Energy saving and auto-controlling of an Air Conditioning system**

Components: PIC18F4520, LCD, Keypad, SD Card, RTC, DHT11, Relay, Bluetooth module

The air conditioning system is controlled depending on the temperature, ac voltage, ac current, power factor and RTC. It can improve the power factor correction by capacitor bank. The ON and OFF time of air conditioner can be set using keypad and Bluetooth with RTC. The system current information will be displayed on LCD.

* **Real time Automatic Bell control system**

Components: PIC18F4520, LCD, DS1307, Relay, Switches

Bell rings automatically when the previously set time matches the current time. RTC is used to get the time and date. EEPROM retains the data even the device goes power off.

**CERTIFICATIONS/TRAINING**

* I had done a certified course “Diploma in Computer Applications”.
* I had done a certified course “Diploma in internet and web technology.
* I had done a certified course CISCO certified network associate.

**DECLARATION**

I hereby declare that the above mentioned information are true to the best of my knowledge.

Date: 26.05.2018 yours sincerely

Place: Chennai R.PRITHIVIRAJ