**Prajwal S**

Email: prajwal.shankar1@gmail.com

Phone: +91 7760952273

**OBJECTIVE:** Seeking a challenging position in your organization, which will allow me to contribute and utilize my technical, organizational, and interpersonal skills to assist with project tasks.

**Technical Summary:**

➢ Professional Experience of 1.2+ year’s in Embedded System Development.

➢ Proficient in application development using 8051 microcontroller, ARDUINO with LCD, LED, IR, PIR, KEYPAD, DC and Stepper Motor, GSM Module, EEPROM.

➢ Excellent analytical programming skills and ability to work well in a team environment.

➢ Good Knowledge in C programming.

➢ Experience in Python Programming (Assisted engineering team to ensure efficient and correct implementation).

➢ Experience in testing and debugging using Embedded C with Kiel uvision IDE, Flash Magic and ARDUINO IDE.

➢ Knowledge on protocols (UART, I2C) and developed drivers for the same.

**PROFESSIONAL EXPERIENCE:**

Designation : Trainee Engineer

Current Employee : Emergers Technologies, Bangalore

Experience : Working from Jan 2019 till date.

**Project**

**Project 1**: Load forecasting using data mining technique with Arima model and its study on different parameters

Software used: R-Tool.

**Project 2**: Automatic water level controlling with indicator

Software used: Kiel uvision, Flash magic, Embedded C.

**Project 3**: RF remote controlled industrial AC device controlling

Software used: Kiel uvision, Flash magic, Embedded C.

**Project 4**: Storing Data in Music Library using Python.

Software used Python version 3.7.

**EDUCATIONAL QUALIFICATION:**

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| --- | --- | --- | --- |
| **Name Of The Institute** | **University** | **Period** | **Result** |
| Acharya Institute of Technology | B. E.  (EEE)  VTU | 2014-2018 | 67% |
| Sheshadripuram Composite PU college | PU Board | 2012-2014 | 73% |
| St.Antony High School | KSEEB | 2011-2012 | 81% |

**TECHNICAL SKILLS**

* C language
* Embedded C
* Python Programming
* Mat Lab
* Basic Unix OS(Inter process communication)
* Interfaced all external peripherals with 8051 microcontroller
* Interfaced all external peripherals with ARDUINO.
* TOOLS: Keil uvision, Flash magic, ARDUINO IDE

**PERSONAL DETAILS:**

Date of Birth : 03-10-1996

Marital Status : Single

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Address : no 852,”kaustuba building”, 10th cross Gokula extn, Divanarapalya

Yeshwanthpur, Bangalore – 560022

Languages Known : English, Kannada, Tamil and Telugu.

Hobbies : Playing Cricket, reading books.

**Prajwal.s**