|  |  |
| --- | --- |
| **Mahesh**  |  |
| Email: Mahesh-388723@2freemail.com |  |
|  |  |
| **Objective:** |

|  |
| --- |
| With a bachelor’s degree in Electronics Engineering and 4.5 years field experiencewith RFID, embedded system, software and IoT. Looking to leverage my knowledge and experience to build my career that would help me in achieving greater practical excellence. Exceptional hardworking nature along with good communication skills to explore the requirements and come up with innovative solutions. |

|  |
| --- |
| **Employment Details** |

|  |  |
| --- | --- |
| Deneebo Computing Solutions Job Title: Software Engineer | 1st April 2016 to 21rd October 16 |

|  |  |
| --- | --- |
| ICON Microcircuits and software Technologies Job Title: System Engineer | 1st April 2014 to 31st March 2016 |

**RFID Project Description**:

|  |
| --- |
| The aim of our project to improve farm management through increased efficiencies, reduced feed and labour costs, enhanced output and improved herd health. RFID tag is unique, a livestock database that keeps track of the animal's origin, parentage and breed can be easily created. Livestock tagging using RFID allows the storage of information on each animal pertaining to breeding data, feeding data and yield. |

|  |
| --- |
| **Responsibilities in RFID**: |

|  |
| --- |
| * Ensuring equipment works to its specification.
 |
| * Creating and carrying out test procedures.
 |
| * Investigating problems and diagnosing and repairing faults.
 |
| * Troubleshooting.
 |
| * Writing reports and documentation.
 |
| * Providing technical support.
 |

|  |
| --- |
| **Embedded Project Description**:  |

|  |
| --- |
| **Vehicle Tracking System:**Devices are located in the field, collecting inputs and obtaining feedback from the Deneebo cloud servers(IoT platform). Each device contains a communication channel. Mobile connectivity is achieved using GSM plus GPRS. A location identifying facility is also fitted as a standard. A GPS module is built into the device. The GSM antenna is a flexible built-in feature. The GPS antenna is built inside the module.The platform functions as hardware agnostic, while the big data storage cohesively organizes the data streams. This offers the ability for the user to build a network of devices, today commonly referred as Internet of Things (IoT).As the business scales over time, analytics of these relationships can build valuable business intelligence for the user to identify the best course of action. |
|

|  |
| --- |
| **Language**: Embedded C**Project Environment IDE**: MPLAB.**Communication Protocol**: MQTT ,TCP and HTTP |

 |

|  |
| --- |
| **Responsibilities in Embedded System:** |

|  |
| --- |
| * Designed and developed embedded software programs for implementation.
 |
| * Writing code by developing proper logic and structure of the program.
 |
| * Prepared and maintained documentation of software applications as per established standards.
 |
| * Implementing communication protocols like MQTT, TCP and HTTP.
 |
| * Troubleshooting the hardware.
 |

|  |  |
| --- | --- |
| Magellan E-Business solutionsJob Title: Oracle PLSQL developer | 1st DEC 2010 to 2013 |

**Project Description**:

|  |
| --- |
| **Export,Import,HR and Accounts Modules** (**Logistics**): Tracking goods from a place outside India. In other words, it refers to the goods which are produced abroad by foreign producers and are used in the domestic economy in order to cater to the needs of the domestic consumers. Managing employee details in the human resource module. Transaction details of customer, commodities, sender and receiver, etc in accounts. |

**Responsibilities in oracle developer:**

|  |
| --- |
| * **Updating new enhancements in the existing applications.**
 |
| * Creating new form and report based application(screens) as per client request.
 |
| * Writing code for form level trigger,item level trigger,timer and program units.
 |
| * Starting and restarting the services of oracle application.
 |

|  |
| --- |
| **Project Environment: Oracle form builder,report builder, oracle sqlplus,ASP.NET.** |

**Client**:ProfessionalImpex Private Limited,WeissRholing and tuscana food court.

|  |
| --- |
| **Software Skills**: |

* Embedded C
* Python
* Oracle SQL/PLSQL and Mysql
* Platforms: Ubuntu, Linux, Raspbian and windows.
* VMware Workstations
* PHP
* MS Office
* Adobe Photoshop and illustrator

|  |
| --- |
| **Hardware Skills**: |

* PIC Microcontroller.
* Raspberry pi.
* Arduino Nano.

|  |
| --- |
| **Educational Details** |

|  |  |  |  |
| --- | --- | --- | --- |
| Bachelor of Engineering inElectronics & Communication | Srinivasa Institute of Engineering and Technology, Chennai | 72% | 2009 |
| HSC(12th) | Our Angel’s Mat.Hr.Sec | 82% | 2005 |
| SSLC(10th) | Holy Angel’s Mat.Hr.Sec | 75% | 2003 |