Total Exp – 4.6 YEARS

Current CTC – 4.6 LPA

Expected CTC – 7.5 LPA

Notice Period – 3 MONTHS

## KomalChaudhari (ID# 439465)

## Professional Summary

1. **OffshoreProfessional Summary**

A results-driven IT professional with extensive experience of 4 years in Design and Implementation of software architecture of project in Embedded C. Ability to take KT as well as deliver the KT to the team.

* PROGRAMMING LANGUAGES:C, Embedded C.
* IDES: MPLAB XC16, CCS 4.0, Eclipse IDE for C Development tool, EA tool, Source Insight, MATLAB and Simulink basics.
* Micro-controller: PIC18F26K22, PIC24FJ256GB108, MSP430F, SPC560P34L1BEAA.
* Protocols: SPI, I2C, MODBUS (Basics).

1. **CareerObjective**

To make contribution to the organization to the best of my ability and to develop new skills and share my knowledge while interacting with others and achieve new height.

## Employment Summary [Total Experience: 4 Years 6 Months]

1. **Tech Mahindra experience**

|  |  |
| --- | --- |
| **Organization** | Tech Mahindra [2 Years 8 Months ] |
| **Band-Sub band/ Designation** | SOFTWARE ENGINEER |
| **Duration** | OCTOBER /2015–TILL DATE |

1. **Pre TechMahindra experience**

|  |  |
| --- | --- |
| **Organization** | CHETAS CONTROL SYSTEMS PVT LTD [2 Years 1 Months ] |
| **Band-Sub band/ Designation** | EMBEDDED ENGINEER |
| **Duration** | SEPTEMBER/2013--SEPTEMBER/2015 |

1. **Skills**

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| --- | --- | --- |
| Source | Skills |  |
| **Primary Skill category** | C, Embedded C |  |
| **Sub Skills** | C,C (UNIX) | |
| **Secondary Skill category 1** | Software Engineering. | |
| **Sub Skills** | Development, Auto Code Generation, Embedded C, RTOS.  Protocols: I2c,SPI,MODBUS(Basics) | |
| **Secondary Skill category 2** | Power builder basics. |  |
| **Sub Skills** | Unix basics and PLSQL Basics. | |
| **Sub Skills** | Development, Auto Code Generation, Embedded C, RTOS.  Protocols: I2c,SPI,MODBUS(Basics) | |

1. **Project Details**

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| --- | --- |
| **Project Domain** | IT(Automotive) |
| **Project Name:** | Takata-Active Front Steering-S |
| **Client** | Takata |
| **Role** | Software Engineer |
| **Organization** | Tech Mahindra |
| **Location** | **Onsite**: N/A |
| **Duration** | **Onsite**: N/A |
| **Team Size** | **Project :** 10 |

***a) Project Description***

Hands on Detection (HOD) is an integrated capacitive hand detection system located in the steering wheel of a passenger vehicle. It is used to identify when the driver is in control of the Car (i.e. EV Stop &amp; Go, autonomous driving, drowsiness, medical emergency, etc.)

***b) Contribution***

Lint Error checks in the firmware.

Implement the function description as per the requirement.

Update Description in EA design. Mapping the requirements in EA Tool.

Implement the logic of Rim Temperature and Heater Temperature.

|  |  |
| --- | --- |
| **Project Domain** | IT |
| **Project Name:** | Billing Set - 3 |
| **Client** | - |
| **Role** | Software Engineer |
| **Organization** | Tech Mahindra |
| **Location** | **Onsite**: |
| **Duration** | **Onsite**: |
| **Team Size** | **Project :** 3 |

***a) Project Description***

LSB is a self-contained billing system that does billing, processes payments and journalizes the data. It also creates reports used to validate the billing and facilitate collections. While LSB was originally written for ILECS, our customers have grown to include CLECs, ISPs, UNEs, Affiliates, RBOCs, Resellers, and Wireless accounts

***b) Contribution***

* Working as an application developer.
* Checking mails, Logs etc. as per the requirement.
* Addition & deletion of users in UNIX system.
* Validation of Care & OLI Downloads.
* Analysis of store procedure in Sybase.
* Validation of ASIS and CMAS log in mainframe.

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| --- | --- |
| **Project Domain** | IT(Industrial) |
| **Project Name:** | HAND HELD UNIT FOR JALSONIC WATER METER |
| **Client** | - |
| **Role** | Software Developer |
| **Organization** | CHETAS CONTROL SYSTEMS PVT LTD |
| **Location** | **Onsite**: |
| **Duration** | **Onsite**: |
| **Team Size** | **Project :** 3 |

***a) Project Description***

• Used for measure the Positive and Negative Parameters Using IRDA Protocol.

• Used for Conduct transmitting and Receiving the flow Parameters Test.

• Used PIC24FJ256GB108 micro controller for system development.

• RS232 and IRDA used for communication.

***b) Contribution***

•Writing the drivers for I2C protocols for IRDA communication and Generating review reports.

|  |  |
| --- | --- |
| **Project Domain** | IT(Industrial) |
| **Project Name:** | PROTOCOL BASED ON HHU UNIT FOR RUDRA WATER METER |
| **Client** | - |
| **Role** | Software Developer |
| **Organization** | CHETAS CONTROL SYSTEMS PVT LTD |
| **Location** | **Onsite**: |
| **Duration** | **Onsite**: |
| **Team Size** | **Project :** 3 |

***a) Project Description***

• Used for study of water flow parameters.

• Measuring the system configuration parameters with Totalizer value.

• Measuring the Flow Calibration Parameters with Its meter No.

• On board LCD for display parameters and on board RTC to display Date and Time.

• Power supply: 3 V from (Rechargeable Battery).

• MODBUS protocol is using for Communication***.***

***b) Contribution***

• Write the firmware for MODBUS protocol, drivers for I2C.

• Documentation require for product life cycle.

|  |  |
| --- | --- |
| **Project Domain** | IT(Industrial) |
| **Project Name:** | AMR WATER FLOW METER HHU. |
| **Client** | - |
| **Role** | Embedded Developer |
| **Organization** | CHETAS CONTROL SYSTEMS PVT LTD |
| **Location** | **Onsite**: |
| **Duration** | **Onsite**: |
| **Team Size** | **Project :** 3 |

***a) Project Description***

• Used For water flow measurement in industrial and domestic lines through Hand Held Unit.

• Use IRDA Protocol for communication to transmitting and receiving flow parameters.

• Measuring the Flow Parameters and system configuration parameters.

• Measuring the Totalizers value of flow.

• Use PIC24FJ256GB108 micro controller for system development.

• Using RTC for time Display.

• Use 16x2 LCD Display to Show all parameters.

• Use 4x4 Matrix keypad to edit the configuration data and entering the value.

• Also shows the current status of battery.

***b) Contribution***

• Design and Implementation of project in Embedded C.

• Design and Implementation of firmware of project with RS232, I2C.

• Handling communication with clients to understand requirements.

1. **Education**

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| --- | --- | --- | --- |
| Degree | Specialization | University | Year of passing |
| BE/BTECH | ELECTRONICS AND TELECOMMUNICATION. | MIT AOE COLLEGE OF ENGINEERIN | 01-MAY-12 |

1. **Passport & Visa Details**

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| --- | --- | --- |
| **Passport No.** | M0897419 | **ValidUpto:** 08-AUG-2024 |
| **Visa Type** | **Country** | **Valid Upto** |
|  |  |  |

1. **Personal Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | | | KomalChaudhari |
| **GID No.** | | | 439465 |
| **Email Id** | **TechM email id** | | KC00439465@TechMahindra.com |
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