**RESUME**

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| **Mohammad Lubaid**  E-Mail: lubaid630@gmail.com  Mobile : +966500733450 |  |

**CAREER OBJECTIVE**

To prove myself dedicated, worth full and energetic in a progressive organization that gives me scope to apply my knowledge and skills and be a member of a team that dynamically works towards success and growth of the organization.

**SUMMARY OF EXPERIENCE**

* About 5 years of experience as an instrumentation and control engineer in Erection, Installation, Pre-commissioning, maintenance, commissioning & development co-ordination of instruments and control systems in Petrochemicals, Refinery, Power Plant, Cement Plant, Water Treatment Plant projects.
* Knowledge of Configuring and faults diagnosis of DCS, PLC, SCADA, RTU, Profibus Communication, and Control Loops.
* Installation,calibration and loop checking of the field instruments (Emerson Rosemount, ABB, Endress & Hauser, Bently Nevada, Honeywell, Yokogawa, Vega,.......)
* Maintenance and calibration of the control valves.
* Experienced in flowmeters configuring electromagnetic, orifice plate, ultrasonic, turbine, variable area)
* Designing,Implementing and Commissioning of new control loops as per site requirements.
* Review of control philosophy, P&I diagrams, cause &effect diagrams, instruments list, flow chart
* Familiar with engineering standards ISA,IEEE, ASTM, NAMUR, ASMI , ANSI , NEMA, IEC
* Knowledge of Preparing master data sheet for PM schedule; ensuring safe and efficient performing of CM
* Technical Support for the instrumentation team.
* Experienced in the field instruments and control systems procurement activities
* Spares balance investigation and inventory control for all instruments spare parts
* Excellent communication interpersonal skills.

**WORK EXPERIENCE**

1. Organization : **AL-YAMAMA Company,** Saudi Arabia

Duration : **30-January-2018 to march 2020**

Designation : **Instrumentation Engineer**

1. Organization : Mentor Engineering and Project Management.

Duration : **From 01-September-2015 – 30-September 2017)(FULL TIME) & From 20, .**

**. December To 6 January 2015 work as a (PART TIME) in a same**

**Organisation.**

Designation : Asst. Instrumentation Supervisor

Project Description : **PARADIP** Refinery**, ORISSA** (Capacity: 300,000 bpd).It is designed for

processing High Sulphur Heavy Crude Oil which has 20 process units.

**Responsibilities:**

* Handling Calibration and Loop Checking of Instruments
* Co-ordination with client, consultant, contractor throughout the entire Projects development phase, Attending meetings. Coordinates with operations and safety personnel to obtain work permit for planned work to be carried out during Commissioning Stage.
* Read and interpret drawings extracting relevant instrument engineering information required for Erection, Installation, Pre – commissioning and Commissioning.

**Responsibilities:**

* Making plans using detailed drawings.
* Preparing estimates and budgets.
* Creating accurate project specifications.
* Designing **engineering** experiments.
* Creating technical reports for customers.
* Completing regulatory documents concerning safety issues.
* Monitoring Calibration of Instruments & Loop checking & Control Valve in field and stroke check.
* Active with field team for Troubleshooting of Flow, Pressure, Level and Temperature transmitters of (Yokogawa , Honeywell and Rosemount).
* Monitoring work progress and ensuring quality work. Reports on proper completion of jobs for the preparation of work completion certificates and verification, Billing and Planning.
* Safety measures taken while working

1. at height,
2. at Permit,
3. Lockout & Tag out and
4. In confined space.

* Having knowledge on DCS Architecture and its Components.
* Familiar with Loop Check (Remote, Local)
* Handled Test equipment:-

1. 475 Hart communicator
2. 4v DC power supply,
3. Multimeter,
4. Loop calibrator
5. Hand pump with digital PG
6. Pressure calibrator
7. RTD calibrator
8. Thermocouple

**APPRECIATION/ACHIEVEMENT**

1. Getting Appreciation @ **HDPE** Shutdown during April 2018 by **Sabic Affiliated Petrochemical Plant-YANSAB.**
2. Getting Appreciation @ **ABS TURNAROUND** during Feb-March 2019 by **Sabic Affiliated Petrochemical Plant-PETROKEMYA.**

**EDUCATIONAL QUALIFICATIONS**

* **2012 - 2015: B.E** in Electronics and Instrumentation Engineering, from Muffakham Jah College of Engineering & Technology, Hyderabad under Osmania University Hyderabad.
* **2009 - 2012: Diploma** in Electronics and Instrumentation Engineering (DEIE), From Quli Qutub Shah Govt. Polytechnic College, Hyderabad.
* **2008: SSC.** From Brilliant Mission High School, Hyderabad.

**ACADEMIC PROJECT**

**Project Title: Vehicle Monitoring System Using CAN Protocol**

**Description:** The project deals with “**CAN Based Real Time Implementation in Automobile**” using PIC18F458 Microcontroller which can provide different automobile monitoring parameters like temperature speed of the engine, fuel level in the tank & detection of obstacle.

1. Achieving communication between master & slave microcontrollers.
2. Usage & Implementation of CAN protocol for communication.
3. Monitoring different vehicle parameters like speed & temp. of the engine, fuel level in the tank & obstacle detection.

**Team Size**: 2

**My contribution**: Designed, Prepared the Documentation.

**Role:** Team Leader

**TECHNICAL SKILLS**

Successfully completed 3 months practical training as **“CERTIFIED AUTOMATION ENGINEER”** from Prolific Systems & Technologies Pvt. Ltd. ISO 9001-2008 Certified Company, Hyderabad.

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| **Course** | **Company** | **Software(model)** |
| **PLC** | SIEMENS | SIMATIC MANAGER(S7-300 AND S7-400) |
| ALLEN BRADLEY | RS LOGIX 500 (SLC 500) AND RS LOGIX 5000 (COMPACT LOGIX 55 31) |
| MITSUBISHI | Gx developer |
| ABB | CODESYS(PM 571) |
| **SCADA** | INVESYS WONDER WARE | INTOUCH V9.5 |
| ALLEN BRADLEY | RS VIEW 32 V7.0 |
| **DCS** | SIEMENS | PCS-7(412-3H) |
| ABB | AC 700(FRELANCE 800F V9.1) |
| **Drives** | ABB | ACS 150 |
| SIEMENS | MICRO MASTER 440 |
| **HMI** | SIEMENS | WINCC FLEXIBLE 2008 |

* **Operating System’s :**  Windows XP/ 7/Vista
* **Microsoft office &MAT LAB**
* **Panel Designing and Field Instrumentation.**

**Construction and Pre Commissioning Training.**

* Worked on Temperature transmitter:
* Yokogawa
* Rosemount
* Honeywell
* Worked on Differential Pressure Transmitters:
* Yokogawa
* Honeywell
* Rosemount
* Worked on Flow Transmitters:
* Yokogawa
* Orifice ventury nozzle Flow transmitters
* Pitot Tube Flow Transmitters
* Electromagnetic Flow Transmitters
* Thermal Flow Transmitters
* Ultrasonic Flow Transmitters
* Vortex Flow Transmitters
* Coriollis Flow Transmitters
* Worked on Level Transmitters:
* Capacitive Level Transmitters
* Radio Metric Interface Level Transmitters
* Tank Gauge Level Transmitters
* Preparation of **Remote and Local** Loop Folders.
* Familiar with Calibration of Instruments:
* Temperature bath, Temperature infrared, T. Calibrator & T. Gauge, Bench Calibration, Loop Check.
* Hydraulic pressure calibrator, DRUCK pressure calibrator, Digital pressure indicator.
* Knowledge of operating 4**75 Hart communicator**
* Understanding of **ILD** (Instrument loop diagram) and **P&ID** (Process and Instrumentation Design)
* Expert in **Disconnects** and **Re-Installation** of control valve
* Work experienced on **Calibration** and **Stroke Check** of control valve
* Aware of all the **Safety** aspects of the plant such as permit procedures and working conditions

**PERSONAL DETAILS**

**Name** : MOHAMMED LUBAID

**Date of Birth** : 06/09/1989

**Father’s Name** :Mohammed Sarfaraz Hussain

**Passport Details**

Passport Number : N 0884122

Date of Issue : 13-07-2015

Expiry Date : 12-07-2025

Place of issue : Hyderabad- India

**Gender** : Male

**Languages Known** : English, Urdu, Hindi.

**Address** : Hyderabad.

**MOHAMMED LUBAID**