JULIUS MAGLIN THANKAPPAN

APPLIED FOR THE POST: INSTRUMENT ENGINEER
(Maintenance, Project and commissioning)

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Profile

My extensive experience achieved in the field of Instrumentation Control, Industrial Automation and PLC has proven invaluable for the duties I have under taken during my career. Studies will lead to my **Bachelor's Degree in Electronics and Communication Engineering** complimenting my **12 years** of 'hands on' experience in these Engineering fields. This includes **Maintenance, Commissioning, Functional testing, Loop testing and Inspection** of Instrument and automated control process with responsibilities to **Instrumentation and Control Engineer.**

Professional Skills

Distributed Control System
- Foxboro Schneider Electric
- Honeywell
- ABB
- Yokogawa
- Rosemount.

Emergency Shutdown System
- Triconex Schneider Electric
- Honeywell
- ABB

Programmable Logic Control
- Siemens
- Mitsubishi
- Allen-Bradley

SCADA
- Win CC
- Wonderware
- Mitsubishi
- Graph WorX

Design & Programming
- Autodesk Basic
- Ladder Diagram & Instruction sets

Experiences

➢ **TECNIMONT /JGC HOLDING CORPORATION – KUWAIT**
Function Test Chief - OCT 2019 to DEC 2019
Client: Kuwait National Petroleum Company (KNPC)

Experience on **functional test** in the **clean fuel project**, green field area, Mina Al-Ahamadi.

➢ **SK ENGINEERING AND CONSTRUCTION – KUWAIT**
ICSS Supervisor (Instrument Control) - NOV 2018 to SEP 2019
Client: Kuwait National Petroleum Company (KNPC)

Involved in **Integrated control safety, tie-in process, Mirroring Process** from old control room in to new central control room in the **clean fuel projec**t brown field area.

➢ **HYUNDAI ENGINEERING CO LTD – ABUDHABI, U.A.E**
Instrumentation and Control Engineer - SEP 2014 to DEC 2017
Client: ADNOC (Takreer)

Acquaintance with **Warranty Maintenance, Commissioning, Functional testing, loop Checking** etc. in Group III **Base Oil** Production Facilities Project at Ruwais Refinery.

➢ **HYPERION IT – CHENNAI, INDIA**
Instrument Supervisor/Engineer - AUG 2007 – JUL 2014
Client: CPCL – Chennai.

Experience on **Maintenance,** Repair, Back-up and troubleshooting activities in Instrumentation and automated systems**.**

Professional Skills

Special Instrument System

- Pakscan Motor Operated Valve.
- Bently Nevada 3300/3500 Monitoring Systems.
- Entis Pro Inventory System 880 CIU Prime & CIU Plus.

Analyzer

- ABB NIR
- Siemens GC
- Emerson CEMS
- PH and Conductivity etc.

Communication and Protocols

- HART
- Field Bus
- MODBUS
- Ethernet
- Control Net

Education

❖ **Bachelor of Engineering – Electronics and Communication** (PT - 2013)
Anna University - Chennai, Tamilnadu, India.

❖ **Diploma in Electronics and Communication Engineering** (2006)
Directorate of Technical Education – Taminadu, India.

Specialties

- Automated control process system knowledge, calibration of instruments and Trouble shooting
- Preparation for specification documentation, Ready for commissioning, ready for operation, Start-Up, Maintenance.
- Work orders - Permit to work (LOTO, Work at height, Confined space entry, Field instrument Access room, Substation entry etc.)
- Involves Factory Acceptance Test, Site Acceptance Test
- Good knowledge of **IEC, NEC** and other relevant codes and standards such as **IEEE, BS, ANSI and ISA**

Summary of Technical Experience

- Hands on expertise and general safe-handling practices with technologies used in instrumentation and control systems
- Experience in programming control systems for O&G facilities
- Experience and proficiency generating and working with P&ID's and control logic descriptions
- Provide instrumentation and control systems technical support services to maintenance site
- Calibration and servicing of all type of gauges, pressure switch, RTD, Thermocouple, Control Valves and Solenoid Valve etc.,
- Lead the installation, Maintenance, troubleshooting and calibration of instrumentation and control system on process requirement
- Maintaining and modifying Existing PLC/DCS systems and equipment
- Familiar with industrial Ethernet and control specific networking philosophies
- Implementation of shut down maintenance and ISO routine maintenance jobs
- Experience in Burner Management System design is an asset
- NIR Analyzer modeling support with vendor
- Experience in Partial stroke testing (PST) & Full stroke testing (FST) of valves with IAMS valve link control systems

- Monitor and review on-site installation, start-up and operation of instrumentation and controls
- Support ongoing operations, new project design and management of change requests
- Attend project meetings while interfacing with vendors, operations, design engineers, contractors, project department and clients
- Assist in providing technical and functional guidance to our team members.
- Experience in development of plant system documents (i.e., logic diagrams, wiring diagrams, I/O list etc.)
- Assist in updating technical documents and manual preparation
- Generate datasheet/ specifications for instrumentation equipment including control valves, relief valves, flow measurement device, level, pressure, temperature measurement devices, power supply systems, distribution panels control panels, control station etc.,
- Produce logic diagrams, control narratives (sequence of operations) and wiring diagrams
- Read process flow diagrams, Cause and Effects Diagram, termination and connection diagrams, loop diagram, panel layouts and related project documentation
- Checking vendor supplied drawings information and coordinating with them to transfer into project drawings
- Provide engineering support during construction, start-up, and commissioning

Profile

Name	JULIUS MAGLIN
Date of Birth	30/04/1986
Fathers Name	Thankappan
Sex	Male
Nationality	Indian
Marital Status	Married
Language	English, Tamil, Malayalam & Hindi
Address	4-124, R. C Street, Thadikkarankonam Kanniyakumari District Tamilnadu India - 629851
Passport No	M1841782
Passport Expiry Date	01-09-2024

Declaration

I hereby declare that all Information stated above is true to the best of my knowledge.

(JULIUS MAGLIN)