Hossam Altayeb

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Summary

Experienced Instrumentation and Control Engineer, with large and progressive experience in many Automation technologies.

- Good experience in control systems design: approaching relay based, PLC based, computer based systems.

- Familiar with many professional programming languages: Pascal, C, C++, Visual Basic .NET, Visual C++.

- Good embedded systems designer: PIC microcontrollers, AVR microcontrollers, Microprocessors, electronic ICs MSI / LSI / VLSI.

- Troubleshooting experience in different types PLCs and Frequency Drives: Siemens, AllenBradely, Mitsubishi, Danfoss, MicroMaster, LENZE, Berges, KEB, SEW ,ABB,

- Familiar with different professional software packages: Siemens TIA Portal V13 to V16, SIMATIC manager, MicroWin, WinCC/WinCC Flex, AllenBradely GXlogics, Buhler WinCos r1/r2, Visual Studio.NET,VMware, ORCAD , AutoCAD ELectrical,Eplan,

- Familiar with many types of instruments: E+H fluid measuring devices, IFM transducers, Siemens actuators, Telemechanique/Schnider transducers.

- Good interpersonal and leadership skills.

- Aware of PMI standards and methodologies in field of Projects Management.

- Good team leader and team member.

Experience

Electrical Team Leader
Abu Saifen Modern food processing factory
Sep 2021 - Present (1 year 2 months +)

Automation Engineer
DAL Food
Sep 2019 - Sep 2021 (2 years 1 month)
Monitors of performance of the electrical, instrument, automation and communication Systems.
Responsible in Electronics Data Acquisition System, Calibration, Measurement, Operations, Maintenance and Installation of Field Instruments.

PLCs and Scada troubleshooting and backup management.

Commissioning the new systems with the system owners (Buhler, Fawema, Shmid, Wolf, and AltoPac)

Improving the preventive maintenance for the systems.

Ensure all the Quality compliance is met within the PM Scope.

Ensure that the PM activities are done on time in full.

Ensure the downtime / breakdown are to the minimum and the machine sustains the performance

Ensure the lines are always to the basic condition and upgraded regularly to maintain the state of the art.

Ensure the life table and spares are always available and updated periodically. Any change communicate through change management.

Follow up on Machine Defects Elimination System.

Ensure the team with the specifications, targets, design standards, techniques and tools to support operations.

Coach and train the technicians to achieve maximum potential, capability and job flexibility.

Assure that the team addresses all relevant issues within the specifications and various standards and the immediate actions done.

Work with Line leaders and peers to obtain necessary resources to support the performance of the lines

Process Engineer Trainee

Sudanese Petroleum Corporation

Jan 2018 - Nov 2018 (11 months)

Assist in Monitors of performance of the electrical, instrument, automation and communication Systems.

Responsible in Electronics Data Acquisition System, Calibration, Measurement, Operations, Maintenance and Installation of Field Instruments. Details, schematic, wiring Diagrams, etc.) Of technical vendor submittals for installation requirements.

Strategic gas oil (GAT) pumps and compressor operation, (DCS) control operation, strategic (LPG) pumps and Compressor operation, (getA1) pumps and compressor operation

Education

Omdurman Islamic University

Bachelor of Science - B.Sc. Honours, Electrical and Electronic Engineering (control specialization (Full Time))

2012 - 2017

Skills

Instrument: instillation , maintenance ,Troubleshooting , Calibration • Frequency Drives: DANFOSS VLT500x, ALTIVAR, LENZE, BERGASE, MICROMASTER , SEW,DELTA,ABB • Siemens Microwin, Siemens Simatic manager S7, Siemens WinCC/WinCC Flexible,TIA portal V13-V16 • Automation • Control Panel Design • Programmable Logic Controller (PLC) • Troubleshooting • HMI Design • SCADA • Instrumentation

Honors & Awards

Certification of participation in the 3rd annual celebration of the world space Week (WSW) - institute of space research and aerospace, Sudan