



Amin Abdulbasset Abduljalil Alsofi

YEMEN

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PROFESSIONAL SUMMARY

Experienced professional with expertise in a variety of software systems. Creative yet technically grounded approach to troubleshooting and problem solving. Highly organized and detail oriented when it comes to project management. Designed and implemented new automation methodologies. Increased productivity by streamlining and updating functions. Excels at coming up with cost- and time-saving solutions for testing and implementing new processes. Works well with others and keeps calm in high-stress environments. Thorough understanding of technical issues results in delivery of consistently high-quality product. Committed to understanding industry needs and providing maximally effective solutions.

SKILLS

-Extensive knowledge, both technical and practical, of manufacturing equipment and machinery. - Management experience and excellent leadership, instruction, and delegation skills. -Strong communication abilities, both interpersonal and professional, in written or oral form. -Excellent analysis, evaluation, critical thinking, and decision making capabilities. -Organized, skilled multitasked, and familiar with engineering administration.

- Highly proficient software programmer
- Solution-oriented and creative thinker
- Excels in attention to detail
- Motivated, enthusiastic team player and effective leader
- Excellent project management skills
- Quick learner who adapts to new technology
- Committed to studying and meeting the needs of business users

Places where I worked as a coach and as supporter to solve outstanding problems in the control system.

- Bajil Cement company
- ALUROPY FOOD
- New Horizons Yemen-Aden
- BAHADA STEEL
- LEADER GROUP
- AMRAN Cement Plant
- HAS Group
- Alsaeed academy
- Yemen Refining Company (YCSR)
- NCC - National Cement Company Yemen

EXPERIENCE

- *I am working with Engineering Solutions Company – **CONSULTA SOLUTION Partner** (Dec 20.2020 till now).*

Completion of Implementation, Maintenance & Operation of an Expansion Project Of Bajll Cement Factory (Line No.3)

Eleven years reputable experience in CEMENT INDUSTRIES, where I worked as INSTRUMENTATION AND AUTOMATION ENGINEER.

Lead Automation Engineer

February 2013 – October 2020

- Lead team of automation engineers.
- Manage all stages of automation projects.
- Develop, test, and maintain automation infrastructure.
- Conduct automation scripts code review.
- Monitor and update automated test strategies.
- Implement, maintain, and document automation projects for project management applications.
- Train employees in use of automation tools.
- Ensure full documentation of development and testing processes.
- Identify potential areas of improvement and design plan for implementation.
- Develop company-wide testing protocols and application usage guidelines.
- Troubleshoot problems with current processes.
- Ensure that automation engineers are current with developing innovations in relevant technology.

Automation Engineer

March 2011 – February 2013

- Program PLC systems to perform specific functions depending on the needed output
- Design and create new PLC machines that can be used to create different parts for automobile manufacturing
- Write software and code using ladder logic that can be transferred to different machines when necessary
- Design diagrams that could be read and utilized by the average employee
- Perform efficiency testing to ensure all systems are running at their peak
- Train employees on the use of PLC-run lines
- Tested and debugged process automation applications.
- Developed and implemented updates to existing applications.
- Identified problems with process automation.
- Installed and configured test system for automation.
- Worked with software development teams to ensure uniformity and Compatibility Company wide.

CORE QUALIFICATIONS

- **Deep understanding of PLC Programming ladder logic and all aspects of inputs and outputs of the system**
- **Excellent understanding of HMI programming and its interaction with PLC**
- **Troubleshooting skills needed to make sure all machines are running as efficiently as possible**
- **Proficient in all other computer programs as well as the building of computers**
- **Capable of learning new techniques and technology as they are discovered**
- **Leadership abilities needed to instruct a group of employees in a specific task.**

Major Work:

INSTRUMENTATION

- **Responsible for spare parts, new indent and store stock etc.**
- **Worked on Temperature sensors, Pressure, and Flow, Level sensors, switches and transmitters.**
- **Motorize Actuators, dampers, Shut-Off valves**
- **SIMOCODE hardware module and configuration with motors.**

AUTOMATION

- **Responsible of Engineering stations/Clients and Networking plant bus and terminal bus Ethernet.**
- **Responsible of make DCS at control Room(CCR)**
- **Responsible of make new Clients and contact it with SERVERs online.**
- **Responsible of field bus (ProfiBus)/AS (PLC) Networking.**
- **Addition/Changing and modification of different logics and interlocks of motors on PCS 7 software as process requirement.**
- **Working on PCS7 v7.x, V8.x, v9.x installation of Engineering Station and Clients software, creating the pictures in Graphics designer of WinCC.**
- **Working with Cemat library. From V6.x To V9.x**
- **Working on TIA Portal Vx.**
- **Working on TP Panel comfort.**
- **Installation and Configuration of Analog and Digital modules signal.**

CERTIFICATES

- **Certificate from AL-Saeed institute for engineering and administrative sciences in Electrohydraulic**
- **Certificate from AL-Saeed institute for engineering and administrative sciences in programmable logic controller's PLC S7 -300.**
- **Certificate from AL-Saeed institute for engineering and administrative sciences in electronics advance**
- **Certificate from AL-Saeed institute for engineering and administrative sciences in calibration**
- **Certificate of credit in the S7-400 from AL-Saeed institute for Engineering.**
- **Certificate of credit in the Electrohydraulic from AL-Saeed institute for engineering and administrative sciences**
- **Certificate accredited to monitor and control production line from the Institute of STS at Annaba.**
- **Certificate of credit in the PLC-S7-300 from the same Institute.**
- **Certificate of credit in the work of networks from the same Institute.**
- **Certificate of credit in the maintenance of computers, PC.**
- **Certificate from PROLIFIC SYSTEM AND TECHNOLOGIES PVT. LTD**
 - ✚ **distributed control system (Siemens PC S7)**
 - ✚ **Human Machine Interface (Siemens Win CC flexible)**
 - ✚ **Supervisor Control and Data Acquisition (wonderware in touch & Siemens Win CC Flexible)**
- **Certificate from CONSULTA Training Center PVT. LTD**
 - ✚ **Program on SIMATIC S7 PLCs @ HMI**
 - ✚ **Program via CEMAT LIBRARY**

EDUCATION

- **Faculty of Engineering University, Annaba, ALGIERA**
Bachelor in Automation Engineering. 2005 - 2010