

Holds a B. Sc. in Mechatronics Engineering and has over 6 years of experience in oil and gas industry. His main responsibility is troubleshooting of instrument devices to ensure efficiency, safety and commissioning of the system.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mechatronics Engineering, Alexandria Higher Institute of Engineering and Technology, 2016

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2022 till now  
**Employer** : EMC  
**Project** : MIDOR Site  
**Job title** : Instrument Field Engineer  
**Job Description** :

- Field proficiency in installing, calibrating, maintaining field instrumentation devices and system.
- Ability to troubleshoot and diagnose issues with field instruments and control systems in real-time.
- Knowledge of communications protocols such as HART, Foundation fieldbus and profibus for configuring and monitoring field devices.
- Understanding of hazardous area classification and safety requirements for installing instrumentation in hazardous environments.
- Provided technical support for group's engineers, technicians and I&C maintenance personnel.
- Proficiency in maintaining accurate field documentation, reports and as-built drawings for instrumentation systems.

**Dates** : From Mar. 2020 till Dec. 2022  
**Employer** : Petromaint  
**Project** : MIDOR Site  
**Job title** : Instrument Field Engineer  
**Job Description** :
 

- Assembly and disassembly for all control valves and making leakage test according to ANSI STANDARD.
- Experience in loop checking and testing field instruments loops to verify proper functionality.
- Knowledge of safety regulations and compliance standards related to field instrumentation installations and operations.
- Experience in commissioning field instrumentation systems and ensuring proper integration with control systems.
- Knowledge of preparing data sheet for PM schedule, and ensuring safe and efficient performing CM.

**Dates** : From Sep. 2018 till Mar. 2020  
**Employer** : Sigma Company for Petroleum Services  
**Job title** : Control Engineer  
**Job Description** :
 

- Implementing fire and gas alarm system which includes calibration and limitation of devices and method of connection to ESD panel.
- Knowledge of configuring and fault diagnosis of PLC, DCS.
- Participating in commissioning, startup, punch list and site query for several projects such as GBC LPG Recovery Plant at Ras Gharib and HG EBF at Abo Sinan.
- Implementing and commissioning Data Acquisition System for KHALDA Co. Wellhead separator.
- Preparing material requisition, reviewing the technical offers and reviewing the received material.

**Field of experience** :
 

- Cost reduction, Process Optimization, System Integration, Maintenance programs, Safety Improvements.
- Lead the design and development of instrumentation systems for (specific projects or processes), ensuring they meet operational and safety standards. Developed specifications and project plans for (specific instruments) installation.
- Implemented process automation solutions that enhanced efficiency by 10%, reduced operational costs, and minimized downtime. Collaborated with cross-functional teams to integrate new systems into existing workflows.
- Conducted comprehensive calibration and maintenance of (specific types of instruments such as pressure transmitters, temperature sensors), adhering to industry standards and best practices. Developed maintenance schedules and protocols that improved instrument reliability by 99.99%.
- Analyzed data from instrumentation systems to identify trends and areas for improvement. Utilized (specific software or tools) for data analysis, resulting in actionable insights that led to process optimization.
- Ensured compliance with safety regulations and industry standards by conducting regular safety audits and risk assessments. Developed and implemented safety training programs for team members.

