

Holds a B. Sc. in Mechatronics Engineering and has over 5 years experience working as I&C / E&I Engineer at oil & gas, refinery and offshore platform projects. Currently supporting offshore (E&I) activities on ADNOC and Saudi Aramco offshore platforms. Conducting pre-inspections, closing ITS, and submitting ITRs to ensure smooth handover from Construction to Commissioning. Certified BOSIET, IECEx CoPC under process, qualified for offshore and hazardous area operations.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Currently Abu Dhabi, UAE

EDUCATION

: B. Sc. in Mechatronics Engineering, Alexandria Higher Institute of Engineering and Technology, 2020

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Solid Works
: Proteus Professional
: Factory Io
: PLC LogixPro
: SIEMENS SIMATIC STEP 7
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: IECEx EX Certified (Hazardous Areas – Units 001, 003, 004, 006, 007, 008) and successfully completed IECEx CoPC exams in Ex Units Ex-001/003/006, CoPC Certified IECEx CP PBNA26.0007.
: BOSIET with EBS Certified (OPITOYGxRSNVEGS).
: H2S Certified (OPITOSYawnFDBGx).
: ADNOC Induction Safety Certified (ETSDC-78679/2025).
: Work Management System Certified ADNOC WMS.
: PMP Training (Project Management Concepts).

- : SIS (Safety Instrumented Systems – In Progress).
- : Training at Egyptian Electricity Transmission Company (Aug. 2018): Training on how to transfer electricity from the production company until it is connected to the electricity distribution company at each point and how to monitor all this and control it through the Scada system.
- : Training at Ezz Dekella Steel Company (Jul./Aug. 2017): It has been practiced on how to produce steel iron from the import of iron balls (pillet) and then enter the furnaces and then formed and cooled and finally produce steel lengths.
- : Training at Sidi Krir for electricity production (Jul. 2017): Training from the beginning of water treatment and then the analysis and then entering the boilers and then the steam is used to produce electricity by steam units and there are also gas units and combined and were identified units' control like plc and Scada.
- : Training at National Military Production at Banha (Jun./Jul. 2017):
 - Training in the design and production of plastic injection molding machines.
 - Identify surface assembly of electronic components.
- : Training at Alexandria Petroleum (Jun./Jul. 2016): Training for Distillation Towers and how refining works from the arrival of oil until it is converted into gasoline, gas and its derivatives.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Sep. 2025 till now
Employer	: NMDC Energy, Abu Dhabi
Project	: Yard & Offshore Platforms
Job title	: E&I Engineer
Job Description	: • Experienced in supervising field implementation according to inspection test report (ITR) requirements and closing punch items (A/B/C) with QA/QC and commissioning teams. • Supervise E&I construction and pre-commissioning activities for offshore platforms in compliance with Saudi Aramco Engineering Standards (SAES), Saudi Aramco Material System Specifications (SAMSS), and General Instructions (GI) Standards. • Experienced in hazardous area installations covering all major Ex protection types in accordance with IEC standards. • Conduct daily TBT per HIP, verify PTW, and ensure proper isolation & LOTO before work execution. • Perform continuity tests, IR/Megger tests, and coordinate verification using radio communication with commissioning teams. • Validate installation against P&IDs, wiring diagrams, loop diagrams, hook-ups, and cable schedules, raising punch items for any non-conformities. • Prepare daily progress reports (DPR) including manpower, completed tasks, testing results, and punch status.
Dates	: From Dec. 2023 till Aug. 2025
Employer	: Egyptian Maintenance Co. (EMC)

Projects	:	MIDOR (Alexandria), ERC (TAR - Mostorod)
Job title	:	E&I Engineer
Job Description	:	• Troubleshoot complex instrumentation and control system issues. • Experienced in non-mining hazardous areas (Ex Group II) for Gas and Dust. • Hands-on experience with hazardous area installations across all major Ex protection types in compliance with IEC standards. • Strong hands-on experience in Switchgear (LV/MV), Instrumentation systems including transmitters, control valves, and analyzers, and Communication equipment such as PA/GA, telephone, and fiber optic systems. • Experienced in Heating Equipment, Electrical Heat Tracing (EHT), and Gas Detection Systems, with additional basic knowledge of rotating equipment such as motors and pumps, and power transformers including installation, inspection, and basic testing. • Review control cable lists, P&IDs, and wiring diagrams. • Adjust transmitters, shutdown valves, and control valves.
Dates	:	From Nov. 2022 till Nov. 2023
Employer	:	Alexandria Petroleum Maintenance (APM)
Projects	:	ZOHR Gas Project (Eni Gas), Alexandria Petroleum Company
Job title	:	E&I Engineer
Job Description	:	• Conduct day-to-day preventive and corrective maintenance on E&I systems. • Experienced in hazardous area installations with all major explosion protection types including Ex d, Ex e, Ex i, Ex n, Ex p, Ex m, Ex o, Ex q, and Ex t, covering equipment such as motors, junction boxes, lighting fixtures, transmitters, barriers, pressurized panels, and analyzer shelters, in compliance with IEC standards. • Experience working in Ex Group II (Non-Mining) hazardous areas for Gas and Dust environments, in compliance with IECEx standards.
Dates	:	From Jul. 2022 till Oct. 2022
Employer	:	PHAGA
Job title	:	I&C Engineer
Job Description	:	Commissioning, start-up and troubleshooting of instrumentation systems.
Dates	:	From Aug. 2021 till Jun. 2022
Employer	:	Carlo Gavazzi Egypt
Project	:	Midor Refinery
Job title	:	Instrument Commissioning Engineer
Job Description	:	• SAT, loop checks, device calibration, and technical documentation review. • Experienced in hazardous area installations across Ex protection types (Ex d, e, i, n, p, m, o, q, t) within Group II (Non-Mining) Gas and Dust environments, in compliance with IEC standards.

Dates : From Jan. 2021 till Jul. 2021

Employer : MD International Company

Job title : Production Engineer

Job Description : Supervised production lines, diagnosed issues, trained team members.

Field of experience :

- Experienced in pre-commissioning, commissioning, loop checking, calibration, troubleshooting, FAT, SAT, and system start-up of electrical and instrumentation systems. Strong knowledge of P&IDs, loop diagrams, wiring diagrams, IFC drawings, and project specifications.
- Proven ability to supervise field technicians, manage installation, testing, and offshore construction activities while ensuring compliance with project schedules and quality requirements.
- Completed PMP training (Project Management Fundamentals) and currently pursuing SIS (Safety Instrumented Systems) to enhance functional safety expertise. Currently employed with NMDC – Abu Dhabi, ensuring full compliance with Saudi Aramco SAES, SAMSS, and GI standards, and delivering safe, reliable, and compliant engineering solutions.