

ABOUT ME

- electrical engineer Experienced in designing and managing complex electrical systems for large-scale projects. Expertise in troubleshooting, enhancing system performance, and ensuring compliance with industry standards. Demonstrated ability to lead cross-functional teams and deliver innovative solutions within tight deadlines. Skilled Electrical Engineer adept at designing, managing, and optimizing complex electrical systems for major projects. Proven leadership in cross-functional teams, committed to innovative solutions and meeting stringent deadlines. Eager to contribute to your team.

EDUCATION

BACHELOR OF ENGINEERING: ELECTRICAL POWER & MACHINES ENGINEERING

faculty of engineering, shorouk academy / egypt / 2017

SKILLS

MV/LV DISTRIBUTION SYSTEMS

TECHNICAL SUPPORT

ELECTRICAL DESIGNING

CABLE SCHEDULES

PROJECT LEADERSHIP

TIME-SENSITIVE TROUBLESHOOTING

POWER SYSTEM OPERATION

AUTOCAD ELECTRICAL

PLC PROGRAMMING

INSTALLATIONS AND REPAIRS

BMS AND HOME AUTOMATION

DIALUX PROFICIENT

AHMED METWALLY

ELECTRICAL ENGINEER



RIYADH, Saudi Arabia 12771, RIYADH, 12771, Saudi Arabia



+966530819699



ahmedsalehpc66@gmail.com

WORK EXPERIENCE

IMAN-CO

RIYADH

Jul 2024 - Present

senior electrical engineer

- collaborating on comprehensive maintenance across various fields
- maintenance for substation, RMU, MV panel, MDP, SMDP, VFD, motors, ATS & generator
- Executed maintenance for fire alarm system (Simplex) to ensure compliance with safety standards. Performed routine checks on water mist fire fighting (water mist system) for optimal functionality
- comprehensive maintenance for RO systems. (water treatment plants)
- Kept project leaders regularly updated with progress, maintaining open, productive communication.

EL NASR COMPANY FOR INTERMEDIATE CHEMICALS

Egypt

Jul 2021 - Jun 2024

Electrical & Instruments Engineer

- Tested equipment, machinery and instruments to assess proper functioning
- Managed maintenance data records and tracked maintenance and operating information for onsite reference. 2017
- Tested, validated and maintained networking services based on solution designs.

PETROKIMA FOR ENGINEERING & CONTRACTING

Egypt

Feb 2020 - Jul 2021

Electrical Site Engineer

- Operated as installation engineer for El Kayan project within new ministry of defence
- install MCC panel & fire alarm - system (simeins)
- Testing and operating all systems and panels
- Carried out installations to the highest standards and within company timeframes.
- Negotiated with suppliers and contractors to procure high-quality materials and services within budget constraints.
- Reviewed engineering calculations and analyses performed by engineering teams for accuracy before client distribution.
- Worked on large scale commercial projects across the UK and EU, consulting with Engineers of various disciplines.

POWER TECH GROUP

Egypt

Nov 2018 - Jan 2020

Maintenance Engineer

- Managed maintenance and troubleshooting (PM and CM) of generators and power panels across all sites for Vodafone and Etisalat.
- Managed PM (maintenance) and CM (faults) for generators and power panels in Vodafone Cairo area.

LANGUAGES

ENGLISH

ARABIC

COURSES

FULL DESIGN & DISTRIBUTION COURSE

PLC 300-400

CLASSIC CONTROL

PMP CERTIFIED

INTERNSHIPS

TRAINEE ENGINEER
EL-NASR PETROLEUM
COMPANY

TRAINEE ENGINEER
ATAKA POWER STATION

DRIVING LICENSE

Driving license category
Category B1

CERAMIC CLEOPATRA GROUP

Egypt
Oct 2017 - Nov 2018

UNIMAK

EL-NASR PETROLEUM
COMPANY

ATAKA POWER
STATION

- Transitioned from Cairo office to Suez office as Suez area manager (Vodafone).
- Documented all maintenance activities, creating comprehensive reports for management review.

● Electrical Maintenance Engineer

- Regulate motor speeds
- Management of starting motor
- Maintenance of burners, production line equipment, ovens, casting machines, winches and all motors
- Investigated electrical failures, identifying root causes and implementing corrective actions to prevent recurrence.
- Conducted routine and emergency maintenance on electrical systems, improving reliability and performance.

● Electrical Installation Engineer

- Contributed to project for installation of new El Dorado factory within Ceramica Cleopatra Group.

● Trainee Engineer

● Trainee Engineer