

Holds a B. Sc. in Electrical Power & Control Engineering and has over 9 years experience in design, installation, testing and maintenance of complex systems across various sectors. Proven track record in managing large-scale projects, including Automatic Fare Collection (AFC) systems, electromechanical works for water stations and residential developments. Adept at overseeing project documentation, cost control and warehouse management. Demonstrated ability to lead teams, coordinate with consultants and ensure the successful execution of technical projects.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Control Engineering, Cairo University, 2016
: Secondary Education: TAREK IBN ZIAD Language School, 2011

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Revit
: Ecodial
: ETAP – EPLAN
: Dialux

TRAINING COURSES AND CERTIFICATIONS

: Railway Systems Engineering Diploma (equivalent to Micro-M.Sc.) (Jul. 2024).
: IBM Maximo for Maintenance Planning and Management (Mar. 2024).
: Electrical Equipment Maintenance, Testings' Troubleshooting (Jul. 2023).
: Electrical Motor Control (Jan. 2021).
: Programing Logic Controller (PLC) (Aug. 2014).
: Training at Egyptian Electricity Co. (Jul. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2025 till now
Employer : SIEMENS
Job title : Installation / T&C Manager
Job Description :

- Managed end-to-end Installation, Testing & Commissioning activities for a high-speed rail project.
- Coordinated FAT, SAT, integration testing, trial runs, and system acceptance.
- Ensured compliance with technical specifications, safety standards, and project milestones.
- Led interface management between civil, E&M, and railway systems.
- Supported operational readiness, safety approval, and final handover to O&M.

Dates : From Sep. 2021 till Oct. 2025
Employer : RATP DEV. Mobility
Job title : Maintenance Engineering Team Leader
(AFC – Telecommunication – Electro-Mechanical)
Job Description :

- Testing & Commissioning: Collaborated with consultants to develop and document testing and commissioning procedures. Successfully led the testing and commissioning of all assets on-site, ensuring alignment with project standards and timelines.
- Documentations Approvals: Played a key role in the approval process of operation and maintenance manuals, working closely with consultants to ensure comprehensive and accurate documentation. Oversaw the approval of maintenance procedures and plans, ensuring they met operational requirements.
- Maintenance Monitoring & KPIs: Monitored the performance of the maintenance company through CMMS, on-site inspections, and KPI analysis. Ensured that all maintenance activities were executed in accordance with agreed standards and performance metrics.
- Training & Development: Developed and delivered technical training materials for OCC duty chiefs, controllers, and station staff. Conducted training sessions to enhance staff competence and ensure adherence to operational protocols.
- Operational Process Initialization: Led the initialization of operation processes for the company, establishing and streamlining procedures to support effective maintenance and operational activities.
- Maintenance Monitoring Plans: Developed and implemented maintenance monitoring plans to ensure continuous oversight and improvement of maintenance practices, contributing to the overall reliability and safety of operations.

Dates : From Apr. 2020 till Sep. 2021
Employer : Thales RCS France toll equipment, Cairo
Job title : AFC Installation Team Leader
Job Description :

- Design & Coordination: Led the preparation of design, coordination, and interface drawings for Automatic Fare Collection (AFC) systems in newly

constructed stations. Managed the design of electrical panel layouts and ensured successful factory testing to meet project requirements.

- Installation, Testing & Commissioning: Prepared and conducted the installation, testing, and commissioning (IAT - SAT) of all AFC equipment in new stations, ensuring systems were fully operational and compliant with technical standards.
- Rehabilitation s Upgrades: Directed the rehabilitation of all L1 and L2 equipment in existing stations, which included installing new gates and Ticket Office Machines (TOMs). Led the development and installation of L1 and L2 equipment for Ticket Vending Machines (TVMs), enhancing the fare collection infrastructure in older stations.

Dates : From Feb. 2018 till Apr. 2020
Employer : SYSTEM TECHNIQUE for water management, Cairo
Job title : Electro-Mechanical Project Engineer
Job Description :

- Design & Maintenance: Designed, installed, tested, and maintained all electromechanical systems for water stations and swimming pools, ensuring high performance and reliability.
- Panel Builder Department: Managed the panel builder department for Schneider Electric, overseeing the design and assembly of electrical panels to meet project requirements.
- Dancing Fountain Department: Directed the dancing fountain department for KASCO Marine models, responsible for the design, installation, and maintenance of advanced fountain systems.
- Project Documentation: Oversaw all project documentation, including operation and maintenance manuals, test procedures, and other critical documentation, ensuring comprehensive and accurate records for each project.

Dates : From Aug. 2016 till Feb. 2018
Employer : CONCRETE-PLUS for engineering and contracting
Project : Seashell Compound, North Coast
Job title : Electro-Mechanical Site Engineer
Job Description :

- Installation & Shop Drawings: Managed the installation of all electromechanical systems for 61 villas in the North Coast. Prepared detailed shop drawings to ensure accurate implementation and integration of systems.
- Warehouse Control: Oversaw warehouse operations, ensuring proper inventory management and control of materials used in the project.
- Cost Control: Implemented cost control measures to monitor and manage project expenses, ensuring alignment with budget constraints and financial targets.