Mohamed Tarek Elsaudi

Phone: 01021622529 | Email: Muhamedelsaudi@gmail.com

PROFESSIONAL SUMMARY

Senior Facilities Engineer with experience in facilities and asset management, MEP operations, preventive and corrective maintenance, contractor coordination, service-level performance, and asset lifecycle management. Creator of TCAFM, a Computer-Aided Facilities Management (CAFM) platform developed to support facilities workflows, asset and maintenance management, and operational data visibility. TCAFM is currently used across Raya Holding company.

CORE SKILLS

Facilities Management; Asset Management; Hard Services; MEP Operations; HVAC Systems; Preventive Maintenance; Corrective Maintenance; Predictive Maintenance; Computer-Aided Facilities Management (CAFM); TCAFM; Service Level Agreements (SLA); Contractor Management; CAPEX/OPEX; Asset Lifecycle Management; Spare Parts and Inventory Control; Risk Management; Business Continuity; Operational Reporting; Sustainability

PROFESSIONAL EXPERIENCE

Raya Holding | April 2026 – Present

Senior Facilities Engineer

- Coordinate hard-services and facilities operations, including MEP systems, maintenance delivery, contractor activities, and site requirements.
- Oversee preventive and corrective maintenance activities, asset performance, service quality, and compliance with agreed Service Level Agreements (SLAs).
- Support asset lifecycle management, operational reporting, risk control, and CAPEX/OPEX planning.
- Created and developed TCAFM, a CAFM platform for facilities workflows, asset management, and maintenance operations; currently used across two Raya companies.

Smart Village Company | May 2025 – March 2026

Facilities & Asset Management Engineer

- Managed MEP assets and systems, including HVAC, firefighting, elevators, emergency generators, and other mechanical systems.
- Applied prioritized corrective, preventive, and predictive maintenance in line with agreed SLAs.
- Coordinated emergency response and escalation for asset failures and operational interruptions.
- Managed asset CAPEX/OPEX, spare parts, and stock levels within budget.
- Prepared business continuity plans and daily/monthly operational reports.
- Maintained communication with contractors and clients and supported asset lifecycle performance.

Enova by Veolia | May 2024 – May 2025

Operations Engineer

- Managed MEP assets and systems, including HVAC, firefighting, elevators, emergency generators, and mechanical systems.
- Coordinated preventive, predictive, and corrective maintenance in line with SLAs and emergency escalation procedures.
- Supported CAPEX/OPEX management, spare-parts control, business continuity planning, and operational reporting.
- Maintained communication with contractors and clients and monitored execution quality.

Contrack Facilities Management | May 2022 – May 2024

Mechanical Engineer – Nile City Project

- Ensured planned preventive maintenance (PPM) was completed across daily, weekly, and monthly schedules.
- Managed operation and maintenance tasks with technicians and site personnel.
- Prepared quotations and estimates and coordinated with supervisors and technicians to validate requirements.
- Supervised mechanical systems including chillers, pumps, AHUs, FCUs, STULZ units, plumbing, and fans.
- Followed up on electromechanical, civil, HVAC, electrical, life-safety, and mechanical maintenance activities.
- Coordinated resource requirements and site inspections to monitor work quality and completion schedules.

DIGITAL SYSTEMS

- TCAFM: Creator and developer of a Computer-Aided Facilities Management platform supporting facilities workflows, asset management, and maintenance operations; currently used across two Raya companies.
- Facilities and asset management software: FSI and IBM Maximo.

EDUCATION

B.Sc. in Mechanical Engineering | Minufia University, Egypt | 2017–2022

TRAINING AND CERTIFICATES

- LEED Green Associate (LEED GA) Preparation Course – American University in Cairo (AUC), June 2024
- Risk & Crisis Management – Enova, November 2023
- Lean in Manufacturing and Services – Coursera, October 2021
- HSE – Contrack Facilities Management, August 2021
- Train the Trainers – Online self-study, ongoing

PROFESSIONAL AFFILIATIONS

Union of Arab Engineers | Egyptian Engineers Syndicate