

Ahmed Ezzat Yousef

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Results-driven Electrical Engineer with 9 years extensive experience in electrical distribution networks, light current systems, and optical fiber networks. Skilled in both technical office and site operations, including design review, load calculations, installation supervision, and system testing. Adept at coordinating with multidisciplinary teams, ensuring compliance with standards, and delivering projects on time and within budget. Strong technical background combined with hands-on field expertise and a commitment to quality, safety, and continuous improvement.

EDUCATION

The Higher Institute of Engineering and Technology
Bachelor's degree in communications & electronics engineering

Tanta, Egypt
July 2017

WORK EXPERIENCE

Electrical Engineer at AL-Shagran Air Conditioning and Electromechanical Company March 2024 till now
Projects:

King Salman Hospital for Armed Forces in Tabuk.
King Saud Medical City in Riyadh.
Luthan Hotel and Spa in Riyadh.
Saudi Broadcasting Authority (Radio and Television) in Riyadh.
Saudi National bank at KAFD in Riyadh.
Al-Jazirah Royal Palace in Jeddah.
Al-Salam Royal Palace in Jeddah.
Mina Royal Palace in Makkah.
Saline Water Conversation Corporation at Shuaibah in Jeddah.
King Faisal University in Al-Ahsa.
King Saud University in Riyadh – Data Center.
Technical College in Bisha.
STC Exchange in Jizan.
STC Exchange Al-Balad in Jeddah.
General Organization for Social Insurance in Riyadh.
King Khaled Eye Specialist Hospital in Riyadh.
Masjed Quba in AL-Madinah Al-Monauarah.
Jizan University in Sabya.

Responsibilities:

Performed electrical load calculations, voltage drop, short circuit analysis, single-line diagrams, panel schedules, cable routing layouts, and light current systems using design software (e.g., ETAP, DIALux evo, AutoCAD, Revit, Excel).
Performed quantity take-off (BOQ) and cost estimation for all electrical works.
Designed and supervised MV network systems including Ring Main Units, transformers, and switchgear.
Specified and sizing electrical equipment such as Generators, ATS panels between main and standby power sources, UPS, MDBs, PFCs, RDBs, MCCs, DDCs, SMDBs, and MV/LV cables.
Reviewed control drawings, input/output (I/O) schedules, and network architecture for BMS panels and field devices.
Conducted factory acceptance tests (FAT) for electrical equipment's including RMUs, Transformers, Generators, PFCs, MDBs, MCCs and DDCs.
Prepared and submitted shop drawings, material submittals, method statements, IRs, and technical documents for consultant approval.
Supervised on-site installation activities to ensure compliance with approved drawings, specifications, and Standards.
Coordinated with contractors, suppliers, and consultants for inspections, approvals, and issue resolution.
Conducted testing and commissioning of all electrical systems.
Prepared as-built drawings, operation and maintenance manuals, and final handover documents.
Prepared technical and commercial proposals for electrical tender submissions.
Monitored project progress, identified delays, and proposed corrective actions to meet deadlines.
Analyzed project variations and prepared change orders and cost impact reports.
Ensured all estimation and planning activities comply with company standards, project budgets, and client requirements.

Project Coordinator at SKY Company in Cairo, Egypt

Oct 2022 – Jan 2024

Projects:

Optics Fiber Network at Monorail Project (NNC and 6th October city) in Cairo and Giza.
Optics Fiber Network Project at the New Administrative Capital.
FTTH Decent Life Project at Beheira Governorate.
Light Current Systems in Al-Alamein LD06 Tower.

Responsibilities:

Plan, organize, and manage project activities to meet deadlines and budget targets.
Coordinate and communicate effectively between all project teams and departments.
Manage and allocate resources (manpower, materials, and equipment) efficiently.
Monitor site progress and ensure compliance with quality and safety standards.
Prepare and review progress invoices and payment applications.
Follow up on project activities and ensure timely completion of tasks.
Prepare daily, weekly, and monthly progress reports.
Maintain strong collaboration with clients, consultants, and subcontractors.
Resolve technical and administrative issues promptly.
Control project costs and ensure adherence to financial limits.

Site Manager at Landmark Sabbour Company in Cairo, Egypt

Jan 2022 – Oct 2022

Projects:

Fiber Optics Network Project at New Administrative Capital.

Responsibilities:

Supervised all on-site fiber optic civil and installation activities.
Coordinated with technical office engineers to ensure accurate design implementation.
Prepared and verified quantity take-offs and material lists.
Ensured work execution met project specifications, quality, and standards.
Monitored project progress and ensured timely completion of tasks.
Reviewed and approved project documentation and site reports from consultant, management, and client.
Collaborated with subcontractors and suppliers to resolve technical issues.
Maintained high-quality standards and client satisfaction throughout the project.

Electrical Site Engineer at Landmark Sabbour Company in Cairo, Egypt

Jan 2021 – Dec 2021

Projects:

Electrical Site Engineer in Mena House Hotel Project at Giza.
Electrical Site Engineer in South Ninety Police Station Project at New Cairo.
Electrical Site Engineer in One Ninety Project at New Cairo.

Responsibilities:

Supervised and executed electrical installation works on-site according to project drawings and specifications.
Coordinated with the technical office, consultants, and other disciplines to ensure smooth workflow.
Monitored daily site activities and ensured compliance with quality standards.
Prepared material requests and ensured timely availability of required equipment and components.
Conducted inspections and testing of electrical systems (lighting, power, earthing, lightning, and low current).
Assisted in preparing as-built drawings and project documentation.
Followed up on subcontractors' progress and ensured adherence to project schedules.
Reported site progress and technical issues to the Project Manager.
Ensured all electrical work complied with applicable codes and standards.

Planning Engineer at Nokia Company in Giza, Egypt

Oct 2020 – Dec 2020

Projects:

LTE WE project in Giza.

Army Officer Engineer at Egyptian Armed Forces

May 2018 – Oct 2020

Courses

Data Center Build and Design.
Electrical LV/MV power quality.
Building information modeling (RIVET).
Building Management System (BMS).
Design and Implementation of indoor and outdoor lighting systems.
Design and Implementation of power distribution network.
Design and Implementation Light Current Systems.
Optical Distribution Network at NTI.
Fiber Optics Networks Planning and Installation at NTI.
Mobile Package (2G,3G and LTE).
CCNA Routing and Switching.
Programming Languages (C# & C++).
Database (SQL server).
Summer Training at Telecom Egypt Company (Tanta Exchange).
AutoCad.

Skills

Data analysis skills, ability to interpret data from various sources with the aim of identifying patterns and trends.
Good analytical and problem-solving skills.
Ability to learn quickly and to act proactively.
Strong communication skills.
Ability to use Drive test tools and KPI monitoring tools.
Technical Report Writing.
Problem Resolution.
Work Planning and Prioritization.
Teamwork and Collaboration.

Personal Details

Date of Birth: 10/11/1994
Nationality: Egyptian
Driving License: Valid
Civil Status: Married

Language

Arabic: Native
English: Excellent