

Mohammed Al-Tayeb

Electrical Engineer | Jeddah | e.m.n.m.altayeb@gmail.com | 0541462664 | SCE , No.950378 |
<https://www.linkedin.com/in/mohammed-al-tayeb-528475242/>

SUMMARY

An enthusiastic, hard-working individual with leadership skills, passionate about electrical power engineering, willing to learn and seeking an opportunity to work as an engineer to get more experience as well as develop myself to contribute to the company's growth and success.

EDUCATION

Yanbu Industrial College

Bachelor of Science in Electrical Power Engineering Technology.

GPA: 3.12/4

Yanbu, SA

2017-2023

PROFESSIONAL EXPERIENCE

Schneider Electric

Electrical Engineer.

Jeddah, SA

Oct 2024 – Present

- Configure, and perform testing and commissioning of MV/LV equipment and switchgear.
- Conduct testing of CT, VT, Transformer, busbar, and LV/MV breakers such as: IR, CR, Primary & Secondary injection, timing, knee point, ratio, polarity, winding resistance etc.
- Carry out testing of protection relay functions, such as Overcurrent (OC) and Earth Fault (EF).
- Prepare detailed technical reports summarizing site visit activities and recommendations.
- Adhere to safety protocols and regulatory standards to maintain a secure work environment.
- Collaborate with teams to improve service quality and drive continuous improvement.
- Expertise in various devices such as: CT analyzer, CPC100, Megger MOM, CMC356, and Megger devices etc.
- Upgrading firmware of the Sepam relay and communicate it with SCADA and communications system.
- Skilled in overseeing preventive maintenance (PM), corrective maintenance (CM), and predictive maintenance to ensure maximum operational efficiency across diverse facilities.
- Collaborate with clients and lead technical teams to establish project scope, set objectives, and define timelines.

AL-Hajry Overseas company

Electrical Engineer.

Jeddah, SA

Feb 2024 – May 2024

- Inspected electrical systems (UPS, batteries, generators) daily for operational reliability.
- Led Preventive Maintenance Inspections (PMIs) to ensure system efficiency and longevity.
- Traveled across the Kingdom for site inspections, demonstrating adaptability.
- Gained expertise in interpreting diverse single-line diagrams (SLD) for improved system troubleshooting.
- Prepare a technical report following the completion of the site visit.

Saudi Aramco

Electrical Site Engineer (Internship).

Abqaiq, SA

Jan 2023 – March 2023

- Developed the ability to understand different single-line diagrams.
- Acquired a basic understanding of the types of tests applied to the equipment.
- Gained a comprehensive understanding of various site equipment used.
- Obtained the fundamentals of the UPS emergency system that was used in the project.

COURSES & CERTIFICATIONS

- PMI Risk Management Professional (PMI-RMP) ® September-2025
- Project Management Professional (PMP)® September-2025
- Certified Maintenance & Reliability Professional (CMRP)® June-2025
- IELTS test score overall B2 Level June-2025
- McKinsey Forward Program (McKinsey Academy). July-2024
- Root Cause Analysis (Udemy). March-2024
- Standardized Test of English Proficiency (STEP) Total Score: 81/100. November-2023
- AutoCAD Electrical 2020 (Udemy). August-2023
- MV& LV switchgears & modular power systems. February-2023
- Basic of ETAP software. December-2022

TECHNICAL EXPERTISE

English (Fluent), Arabic (Native). MATLAB, ETAP. MS Office. Siemens TIA Portal. Attention to details. Ability to work with a team. Communication skills. Fast learner. Presentation skills. Adaptability. Willingness to learn/ relocate.