

Rayan Mohammed Altayyari

Electrical Engineer

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with 7+ years in managing and maintaining medium and low voltage systems, including GIS, switchgear, transformers, and control panels. Certified in OSHA 30. Expertise in preventive maintenance, system reliability, and project delivery within budget and timeline. Proven ability to lead teams, ensure safety compliance, and implement advanced project management strategies.

Experience

Saudi Electricity Company – Jeddah

Project Manager – Jeddah Projects Division | August 2024 – Present

- Managing large-scale electrical projects and ensuring adherence to timelines and budgets.
- Enhanced project efficiency by implementing advanced project management methodologies.

Alquessie International Company – King Abdulaziz University Project, Rabigh

Electrical Maintenance Engineer | December 2022 – July 2024

- Maintained medium and low voltage systems, including switchgear, transformers, and generators.
- Improved system reliability by developing and implementing preventive maintenance plans.
- Led maintenance of lighting systems and solar energy solutions.
- Performed cable jointing and termination tasks.

Zahran for Operation and Maintenance – King Abdulaziz University Project, Rabigh

Electrical Maintenance Engineer | January 2021 – November 2022

- Maintained medium and low voltage systems, including switchgear, transformers, and generators.
- Improved system reliability by developing and implementing preventive maintenance plans.
- Led maintenance of lighting systems and solar energy solutions.
- Performed cable jointing and termination tasks.

Al Gihaz Holding Company – Jeddah Site Electrical Engineer | October 2017 – December 2020

- Monitored and supervised the execution of all installation works, including:
 1. GIS (Gas Insulated Switchgear)
 2. Switchgear panels
 3. Transformers
 4. Control panels
- Oversaw the execution of all necessary tests for electrical equipment and systems.
- Ensured the application of all safety and occupational health standards on-site.
- Prepared periodic reports on work status, project progress, challenges, and recommendations for improvement.
- Collaborated with various teams to ensure efficient workflow and timely project completion.

Education

Bachelor of Science in Electrical Engineering (Power & Machine)

King Abdulaziz University, Saudi Arabia | Graduated: 2016

Final Project: Microcontroller-Based Elevator Control System.

Training and Certifications

- Project Management Certificate (PMP) – [Project Management Institute] (2025)
- OSHA 30 – 30-Hour Occupational Safety and Health Training (May 2020)

Achievements

- Passed the National Center for Assessment of Engineers exam.
- Approved as a Site Electrical Engineer by the Saudi Electricity Company

Skills

Technical Skills:

- MATLAB
- Multisim
- PSpice
- Microsoft Office.

Soft Skills:

- Leadership
- decision-making
- presentation
- Communication, and teamwork.

Languages

- English
- Arabic