

# Luay Yamani

Electrical Engineer

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📍 Saudi Arabia

## SUMMARY

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Electrical engineer seeking a challenging role in a reputable company to utilize my engineering skills that can contribute to the company's growth, while also enhancing my knowledge by exploring new areas. As a dedicated and detail-oriented electrical engineer, I bring a strong academic foundation, coupled with hands-on experience gained through real-world projects.

## EXPERIENCE

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### Electrical Engineer

02/2024 - Present

Modern Building Leaders ↗

SEVEN - MAKKAH ENTERTAINMENT COMPLEX PROJECT.

118,000 m<sup>2</sup>

Cost = 1.3B

- Interpret electrical drawings and plans.
- Supervise on-site electrical work and ensure it's done according to project specifications.
- Manage the installation of electrical systems (e.g. lighting, power distribution, fire alarms, cable trays, etc.).
- Ensure all systems are tested and commissioned correctly.
- Monitor work quality and ensure compliance with electrical codes and standards (e.g. NEC, IEC).
- Conduct inspections and tests.
- Coordinate with civil, mechanical, and other engineering teams.
- Communicate progress, issues, and solutions with project managers and stakeholders.
- Enforce safety standards on-site.
- Ensure that all electrical work complies with local regulations and safety protocols.
- Estimate quantities and manage procurement of electrical materials.
- Monitor inventory and ensure timely delivery of supplies.
- Prepare daily progress reports.
- Maintain as-built drawings and inspection logs.

### Electrical Engineer

05/2023 - 02/2024

Modern Building Leaders ↗

king Salman Park Project (KSP) - Riyadh

400.000 m<sup>2</sup>

cost = 1.5B

- Oversee the execution of electrical installations in accordance with technical drawings, project specifications, and quality standards.
- Collaborate effectively with civil, mechanical, and other engineering disciplines to ensure seamless integration of systems and avoid conflicts.
- Track the progress of electrical works against the project timeline and take corrective actions to address any delays.
- Supervise the testing and commissioning of electrical systems to ensure proper functionality and readiness for operation.
- Prepare detailed daily and weekly progress reports, maintain technical documentation, and record any issues, modifications, or achievements on-site.
- Estimate and monitor the usage of electrical materials, coordinate procurement, and ensure timely delivery and proper storage on-site.

## **General Electrical Engineer**

01/2021 - 03/2023

Taha Bn Mahdi contracting company

- Provide and operate electrical power systems for heavy machinery on-site.
- Ensure electrical systems comply with safety standards and regulations.
- Design and install lighting systems to ensure safe working conditions.
- Track electricity usage and ensure efficient resource management.
- Ensure the safe and efficient operation of electrical equipment used in demolition.
- Collaborate with civil engineers to integrate electrical systems into the project.
- Develop emergency plans for electrical failures or hazards on-site.
- Ensure compliance with local and environmental electrical safety regulations.
- Perform tests and inspections on electrical systems and equipment.
- Maintain records and reports on electrical systems and installations.

## **Electrical Engineer**

03/2015 - 04/2017

Mohamed al-hosani contracting company

- Support senior engineers in preparing electrical layouts and basic design drawings.
- Read and understand technical drawings, specifications, and manuals.
- Visit project sites to observe installations and report any issues or progress.
- Help track electrical materials and ensure availability at the site.
- Assist in basic testing of cables, lighting, and equipment under supervision.
- Prepare daily reports, update records, and maintain project files.
- Learn and apply safety procedures while working on-site or in the office.
- Gain familiarity with basic electrical standards (e.g. NEC, IEC) relevant to projects.
- Communicate with other team members to understand project requirements.

## **EDUCATION**

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Midocean University - Master of Risk Management

Umm AL-Qura University - Bachelor of Electrical Engineering

## **CERTIFICATES**

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**Electrical Power Systems**

**Energy Efficiency**

**Risk Management**

**MV Substation Installation**

**Autodesk Certified Professional (AutoCAD)**

**OSHA 30-Hour Construction Safety Certification**

**Project Management Professional (PMP)**

**Certified Electrical Engineer (CEE)**

## SKILLS

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Oracle Aconex

AutoCAD

National Electrical Codes

Safety Standards Compliance

Effective Communication

Teamwork

Problem-Solving Skills

Continuous Improvement

Mentorship

Electrical Design Software

Power System Analysis

Fault Diagnosis

## LANGUAGES

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Arabic

English