HASSAN MAHMOUD AL-KHATIB

Senior Electrical Engineer

Amman, Jordan | hassan.eng@test.com | +962 7 9999 8888

PROFESSIONAL SUMMARY

Results-driven Senior Electrical Engineer with over 6 years of expertise in power distribution, SCADA systems, and high-voltage substation maintenance. Proven track record in optimizing electrical grid performance, executing complex circuit designs, and reducing system downtime by 18% through proactive maintenance strategies. Adept at leveraging advanced engineering tools such as AutoCAD Electrical to deliver large-scale infrastructure projects safely and on schedule.

WORK EXPERIENCE

Senior Electrical Engineer • **National Electric Power Company (NEPCO)** — **2019 – Present**

Amman, Jordan

- Spearheaded the operation and maintenance of high-voltage power distribution networks, ensuring 99.9% grid reliability for over 500,000 residential and industrial customers.
- Optimized SCADA system monitoring parameters, reducing fault detection and response times by 22% across regional substations.
- Engineered comprehensive circuit designs and single-line diagrams using AutoCAD Electrical, accelerating project approval cycles by 15%.
- Orchestrated preventative and corrective maintenance programs for major substations, successfully decreasing unplanned outages by 18%.

Electrical Engineer • **ABB Power Systems** — **2017 – 2019**

Amman, Jordan

- Executed the installation, testing, and commissioning of power distribution panels and substation equipment adhering to international IEC standards.
- Collaborated with cross-functional project teams to design electrical schematics and resolve complex integration issues during site deployment.
- Conducted thorough technical audits and load flow analyses to enhance energy efficiency and safety compliance across industrial client sites.

EDUCATION

B.Sc. in Electrical Engineering • **University of Jordan** — **2017**

Amman, Jordan

CORE SKILLS & EXPERTISE

Core Engineering Expertise: Power Distribution • SCADA Systems • Circuit Design • Substation Maintenance • High-Voltage Systems • Load Flow Analysis

Software & Tools: AutoCAD Electrical • ETAP • MATLAB • PLC Programming

LANGUAGES

Arabic (Native) • **English** (Advanced)