

Mohammad Dliwati

Electrical Engineer

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Summary

Experienced Electrical Engineer with 2 years in designing, implementing, and maintaining advanced electrical systems. Demonstrates expertise in project management, board design, and power distribution, consistently delivering innovative solutions. Skilled in collaborating with multidisciplinary teams to complete projects on time and within budget. In-depth knowledge of industry standards and regulatory requirements, with a commitment to continuous improvement. Proven track record of successful projects, driving technological advancements and operational efficiency.

Career Experience

Electrical Engineer at Arab Cement Company - Aleppo

2022– 2024

- Working with SCADA systems to monitor and control industrial processes, ensuring efficient and safe operation of critical infrastructure
- Industrial Electric Motor Drive Design and control.
- Performed preventative and corrective maintenance on electrical equipment, including motors, transformers, and control panels.
- Analysed electrical data to identify potential issues and ensure optimal system performance.
- Troubleshooted electrical faults and implemented effective repair solutions.
- Provided technical support to production and maintenance teams.
- Assisted with electrical design projects for plant upgrades and expansions.
- Maintained a safe work environment by adhering to all electrical safety protocols.

Electrical maintenance at Dliwati leather tanning family business

2018– 2022

- Supervised a team of electricians in the installation, maintenance, and repair of electrical equipment, wiring systems, and controls for the leather tanning process.
- Developed and implemented a comprehensive preventive maintenance program to minimise downtime and optimise equipment performance.
- Performed routine inspections and troubleshooting of electrical systems to identify and resolve potential issues before they escalate.
- Ensured strict adherence to all electrical safety regulations and company safety protocols.
- Maintained detailed records of all electrical maintenance activities, including work orders, repairs, and parts inventory

Education

Bachelor of Engineering in Electrical & Electronic Engineering (2024)

University Of Aleppo

Key Modules: PLC, Electric motors and generators, Electrical transformers, Renewable energy, IoT, Embedded Systems, Digital Electronics, Computing Laboratory, Digital Signal Processing, Engineering Mathematics, Group Design Projects, Network Systems, and Physics ...etc

Technical Proficiencies

Software Technologies:

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Autocad Electrical | Eplan | See Electrical | Matlab | Orcad | Arduino | Processing | MS Office Suite, including, Excel, Word, and PowerPoint | PLC | Scada | Tia portal | Win cc | InfoU | DIAView

Areas of Expertise

- Electrical Drives
- Control Systems
- Critical Thinking
- Power Electronics
- Microcontrollers & Programming
- Circuit Analysis
- Project Management
- Team Leadership
- Simulation Software
- Cross-functional Collaboration
- Complex Problem Resolution
- Agile Methodologies

Languages

- Arabic: Native speaker

- English: Intermediate level in reading, writing, and speaking.

References

Available upon request.