

AHMED BAJAFAR

Electrical & Electronics Engineer

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Nationality: Yemeni

OBJECTIVE

A fresh graduate Electrical & Electronic Engineer who has ambitious to work in a reputable company. I aspire to expand my knowledge and capability in Electrical engineering as well as gain engineering skills and enhance them to a high level to achieve career goals to ensure the company's success.

EDUCATION

Bachelor of Electrical and Electronic Engineering | SEGi University - Malaysia

2017 – 2021

CGPA: 3.55/4

Dean list awards: 2017-2021

Intensive English Programme - IEP | Sunway University - Malaysia

2016

High school | Al-Khandaq high school – Saudi Arabia

2014

Grade: Excellent

Membership | Saudi Council of Engineers

Issued Jan 2025 – Expired Jan 2028

EXPERIENCE

Electrical Site Engineer | TELCOYAKIN SDN BHD.

INTERNSHIP JUN 2019 – SEP 2019 (Eco World Project)

- Work as a part of construction and operation team at site for execution of electrical work (Medium voltage, low voltage and low current).
- Supervision of medium voltage (MV cable lying, MRMU, MV switchgear, RMU, transformer, bus-bar, CT, VT, earthing switch, disconnect switch, circuit breaker)
- Supervision of low voltage (MDB, EMDB, SMDB, ATS, Generator, UPS, DB)
- Supervision of support system and containment work for medium voltage (Cable ladder, cable tray) and low voltage (Cable tray, cable trunk).
- Supervision of low current ELV (cctv, fire alarm, data, access control, public address)
- Preparing bill of quantity (BOQ) for all electrical materials to be used at the site.

Maintenance Engineer | GOLDEN LINE INDUSTRY.

FEB 2025 – JUL 2025

- Implemented routine maintenance schedules to prevent equipment failures and diagnosed and repaired electrical issues, including motors, sensors, circuit breakers, relays, timers, contactors, overloads, fuses, transformers, VFDs, MCCs, and PLCs to minimize downtime.
- Reading electrical equipment diagrams and performing troubleshooting to resolve issues.
- Managed emergency breakdowns and provided prompt corrective action.
- Ensured availability of spare parts in the warehouse to reduce equipment downtime in the event of a breakdown.
- Ensured smooth installation, commissioning, verification, and qualification of equipment.

TECHNICAL AND COMPUTER SKILLS

- | | |
|--------------|---------------------|
| • AutoCAD | • C++ |
| • DIALux evo | • T I A P o r t a l |
| • ETAP | • Microsoft office |
| • Teamwork | • Arduino |

COURSES

- Power Distribution Systems 2021 duration (32 hours)
(Load estimation, lighting design, power and socket design, electrical panel board design, SLD, transformer, generator, UPS, ATS, short circuit, voltage drop, earthing)
- Low current Systems (ELV) 2021 duration (32 hours)
(Fire alarm system, data system, telephone system, cctv system, iptv system, access control, public address)
- Shop Drawing 2021 duration (30 hours)
(Block replacing, between wiring, home run, pull boxes and tags, hatch mark and dimensions, cable tray and cable trunk)
- Classic control 2022 duration (64 hours)
(Switches, relay & latch relay, contactor, solid state relay, interlock, DOL motor, soft starter motor, star-delta motor, rated current, starting current, circuit breaker, RCCB, ELCB, surge arrester SPD, fuse, overload, gv2 & gv3, under-voltage, over-voltage, phase sequence, phase failure, total protection, timers, sensors)
- PLC 2022 duration (64 hours)
(Inputs/Outputs addressing, TIA portal, LS XG5000, NO/NC contacts, Markers, set and reset commands, SR flip-flop, RS flip-flop, positive and negative edge, ON delay timer, OFF delay timer, Pulse timer, retentive timer, counters, memory instruction, comparison operations, analog inputs/outputs, PID controller)