Holds a B. Sc. in Electrical Power & Machines Engineering and has over 5 years of vast and versatile experience in mechanical, electrical, automation and instrumentation corrective and preventive work during shifts.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	26/12/1989
Gender	:	Male
Marital Status	:	Single
Residence	:	Suez

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2011

LANGUAGES

Arabic	:	Native Language
English	:	Very Good
French	:	Basics

COMPUTER SKILLS

: Windows, MS Office, Internet

: AutoCAD Revit

: Matlab

: Electronics design (Orcade)

: Automatic Control and Automation programs (S7 & ABB freelance) with different Programming Languages (Ladder diagram (LD), FBD, etc.)

TRAINING COURSES AND CERTIFICATIONS

: El-Kueimat Power Station Field trip, Giza, Egypt (Apr. 2011).

: Internship at Suez Oil Processing Company (SOPC): dealing with all kinds of Medium and Low Voltage Equipments (Motors, Transformers, Switchgears, Control panels, MCC, etc.) (8 weeks).

: Sinamics S120 Commissioning & Maintenance, NASS Academy, Siemens training partner, Giza, Egypt (Aug. 2015).

: Reflectasol Gas prep station: operation & Maintenance, Suez, Egypt (Dec. 2013).

	:	Basic Shift Engineer training, Suez, Egypt (from May till Aug. 2012).
	:	English: TOIEC reading and listening test (Dec. 2013): 905/1000 (international English level).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	**:**	From May 2012 till now
Employer	**:**	Saint-Gobain Glass – Suez, Egypt
Job title	**:**	Shift Maintenance Engineer
Job Description	**:**	

- Reporting to Electricity, instrumentation & Control Section head. Provide support & troubleshooting in the areas of mechanical, electrical, utility, instrumentation and Automation sections in the whole factory during shifts.
- Electrical:
    - Responsible of troubleshooting of MV, LV panels, equipments & its classic control schemes.
    - Troubleshooting and logic modification of drives after approval of responsible Engineer (Simotion, Sinamics S120, Micromaster, Simovert & master drive…..etc.).
- Mechanical: supervise mechanical operator during solving mechanical problems.
- Utility: Monitor utility operation & trouble shoot its breakdowns.
- Instrumentation: troubleshooting of different weighing modules, sensors and switches (pressure, flow, Analyzer, pyrometer, thermocouple…etc.) and assist in calibration.
- Automation: observe correct implementation of logic and visualization and sometimes modify them in critical problems after approval of responsible Engineer (DCS: YOKOGAWA Cs3000, PLC: S7- 300/400, SCADA: WINCC Flexible & KUKA Robots).
- Preventive Maintenance: use SAP to modify preventive orders' contents and duration with Maintenance planner, execute these orders and report comments & feedback to close preventive maintenance cycle.
- Projects: work on a green belt WCM project "reduction of Robots short stops" which going to save 150 k EGP/year.
- Production: assist shift manager to stabilize production yield and improve performance of plant areas as per company's KPI.