

OBJECTIVE:

Motivated professional with a strong background in Automation seeking to transition into a rewarding career as an industrial automation engineer. Bringing solid problem-solving abilities, strong analytical skills, and a passion for automation technologies. Eager to apply my intensive training program in industrial automation at **Information Technology Institute (ITI)** and training courses to design, develop, and implement cutting-edge automation systems in manufacturing environments. Committed to continuous learning and staying up-to-date with the latest advancements in industrial automation. Seeking an opportunity to contribute to the success of automation projects and drive operational excellence.

ACADEMIC CREDENTIALS

- Sep 2015-2020** Bachelor of Engineering, Faculty of Engineering of Helwan University, Electrical Power and Machines Department.
- GRADUATION PROJECT: Building Information Modeling (**BIM**) for High Rise Building.
 - Sponsored by:
 - **Schneider Electric Egypt (graduation project program).**
 - Trojan LLC Engineering Company.
 - Cumulative Grade: Very good.
 - Graduation Project Grade: Excellent.

INTERNSHIPS

- Nov 2021-Feb 2022** Professional Diploma in Industrial Automation Systems, Information Technology Institute (ITI).
- Hands on PLCs, motor drives, HMIs and pneumatic systems.
 - Training and hands on industrial communication protocols.
 - Training and hands on instrumentations
 - Projects:**
 - PLC Programming and SCADA system for: a color mixer, an elevator and a pick and drop machine.
 - PLC programming, SCADA system, HMI design, AutoCAD design and instrument selection for a water treatment station.

TRAINING and COURSES

- June 2023** Digital industry training -Siemens (basics of PLC, Communication, Instrumentation and PLC selection)
- Sep 2020-Dec 2020** Shaker Academy Training course in Electrical Engineering. (A condensed program in different Electrical departments and mini-course in Revit, this program is supported by Schneider and ABB).
- Jan 2019-Aug 2019** Accredited Professional Engineer (APE) "ECG training program" (Best member). (An advanced course In distribution track, and visited Schneider Electric, 3 Brothers for lighting, SIRAJ lighting, PHILIPS and Chint-EGEMAC Factory and finally attained the final project and discussed it).
- Sep 2018** South Cairo Electricity Distribution Company.

WORK EXPERIENCE

- Mar 2022-Present** BMS Engineer At Shaker Consultancy Group, BMS Department.
Projects involved in:
- Maternity &Pedia hospital Takhassusi, Jeddah, KSA.
 - Sehat Al kharj hospital, Jeddah, KSA.
 - Mohamadia hospital, Jeddah, KSA.
 - Hassan Sharbatly Residence, Jeddah.
- Jan 2021- Nov 2021** High Voltage Engineer at Shaker Consultancy Group, High Voltage Department.
Projects involved in:
- Extension of El-Mostakbal City1 220/22 kV Substation by Two 220kV GIS Cable Bays.
 - Ezz Flat Steel Company (Ain Alskhouna-Egypt).
 - 66/20 kV GIS substation for tunnels greater Cairo metro al Thawra line (line3).

TECHNICAL SKILLS

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|---------------------------------|----------------------|
| ▪ Classic Control (EKTS) | ▪ AutoCAD Electrical |
| ▪ TIA Portal V15 | ▪ Autodesk Revit |
| ▪ RSLogix Micro | ▪ RSLogix Micro |
| • LogixPro | ▪ ETAP |
| • SIMATIC Manager | ▪ LogixPro |
| • InduSoft Web Studio | ▪ DIALUX |
| • ITS PLC MHJ Edition | • Microsoft Office |
| • Pneumatic & Hydraulic systems | • ZelioSoft |
| • Ecodial | • SIMATIC WinCC |
| ▪ AutoCAD | |

ACTIVITIES and COMPETITIONS

- Sep 2019-Sep 2021** Leadership preparation institute in a church.
- Sep 2018-Sep 2019** Technical support in IEEE PES (Power& Energy Society) "Distribution Sessions".
- Jan 2018-Sep 2018** Participant and team leader in TEXIGHT competition in IEEE PES (Second Place).
- Jan 2017-Feb 2017** Participant in Pixels activity (classic control and PLC course).
- Jul 2017-Sep 2017** Participant in SOS activity (Save Our Souls) competition.

LANGUAGES

- Arabic: Native.
- English: Very good.