

Hossam Ahmed Sobhy

Mechatronics Engineer

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Summary

Mechatronics Engineer with experience in PLC, SCADA, and electrical maintenance. Skilled in troubleshooting, control panels, and facility systems. Currently working in Saudi Arabia and seeking a challenging role in maintenance or automation

EDUCATION

B.Sc. in Mechatronics Engineering
Mansoura University – Feb 2023.

- **Grade :** B+
- **GPA :** 3.48

LANGUAGES

- **Arabic** – Native
- **English** – Excellent

Skills

- ✓ PLC Programming
- ✓ SCADA Monitoring
- ✓ Control Panel & Troubleshooting Medium Voltage Systems (MV)
- ✓ Switchgear & Testing Cable Laying
- ✓ Data Center Systems (CRAC – UPS – PDU – Chiller)
- ✓ Single Line Diagram Reading
- ✓ Technical Reporting
- ✓ Project Coordination
- ✓ Agricultural Automation Systems
- ✓ Pump Control Systems
- ✓ Water Management Systems
- ✓ Preventive Maintenance
- ✓ Corrective Maintenance
- ✓ Facility Management

Internship & Practical Experience

- *Maintenance Engineer – Al-Younes Plastic Factory, New Damietta, Egypt (2018–2023)*
 - Responsible for troubleshooting, repairing, and performing preventive maintenance on production machines.
 - Experienced in classic control, PLC diagnostics, and improving machine reliability and performance.
 - Skilled in identifying faults, reducing downtime, and ensuring continuous, safe operation of equipment in a fast-paced manufacturing environment
- *Electrical Engineer – Damietta Alliance Container Terminals, Dumyat, Egypt (Feb 2025- Dec 2025)*
 - Participating in live projects involving Medium Voltage (MV) systems and industrial infrastructure.
 - Working on-site with the electrical team for power distribution and control systems.
 - Gained practical experience in infra design, maintenance, and troubleshooting for port container terminals.
 - Contributing to the operation and improvement of infrastructure supporting heavy industrial automation.
- *Control & Maintenance Engineer – Agricultural Company, Riyadh, Saudi Arabia (Dec 2025 – Present)*
 - Responsible for control systems and electrical panel maintenance.
 - *Design and manufacturing of electrical control panels.*
 - *Troubleshooting and repairing control circuits and panels.*
 - *Ensuring efficient operation of irrigation and agricultural control systems*

Certifications

- ✓ Classic Control – HA Consulting Group
- ✓ PLC Basic Programming – HA Consulting Group
- ✓ Electric Motor & Drive Programming – HA Consulting