

Holds a B. Sc. in Electronics & Communication Engineering, a Post Graduate Diploma in Electrical Machines and M. Sc. in Electrical Engineering. Has about 27 years experience working in control systems.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 10/04/1964  
Gender : Male  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Electronics & Communication Engineering, Helwan University, 1990  
: Post Graduate Diploma in Electrical Machines, Cairo University, 1994  
: M. Sc. in Electrical Engineering, Ain Shams University, 2001  
: Pre-Qualification in PhD, Ain Shams University

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: ORCAD  
: C++  
: ASSEMBLY  
: PROGRAMING FOR DATA ACQUISITION SYSTEM

## **TRAINING COURSES AND CERTIFICATIONS**

: Certified as "Engineer Consultant" from Saudi Engineering.  
: Planning and scheduling maintenance work, Saudi for the development of human resources.  
: Microsoft certified (MCSE, MCSA), MEDCOM CENTER.  
: Developer certified (VISUAL BASIC.NET), Cairo University.

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2006 till now  
**Employer** : Nasr Company for Lines of salt production  
**Job title** : Executive Shift Engineer  
**Job Description** :

- SCADA and Control Systems in Power Plants and all interface units (Protection systems, Transformer (DRY, OIL), RMU, Generators (prim, stand-by, continuous permanent ...and so on).
- PLC Controller for different application in Lines of production (Siemens, Schneider (Modicon), LG.
- ADC & DDC FOR Drive systems (ABB, Telemecanique, LG, Vacon).
- Control Systems in Chiller (Train) and Water Treatment plants.
- Control systems in Fire Alarm (Conventional and addressable types).
- Control systems in CCTV PLCO, SONY, SUMSONG an so on ..... (B/W & Colour Cameras & DVR with matrix & NVR (Video Recording) & Receiver & Transmitter & Cables (coaxial & optical) and control systems.
- DDC APPLICATION FOR DIFFERENT TYPES.
- BMS SYSYTEM for Chiller, Fire alarm, Fire fighting, elevators, CCTV .....).
- I have experience in Installation & Maintenance and modernization FOR all above technology includes control systems, interface circuits and accessories.

**Dates** : From 2001 till 2006  
**Employer** : Giza Spinning & Weaving Company for electro-mechanical machine  
**Job title** : Service Manager  
**Job Description** :

- Spinning machine types.
- Weaving machine types.
- Swing machine types.
- Different machine types for above application.
- All above automated machine applied on microelectronics & microprocessor & microcomputer and PLC for controller system, ACS and DCS types for drive systems.

**Dates** : From 1999 till 2001  
**Job Description** : Worked as Executive Chief Eng. with Amf Company for Installation & Maintenance & Repair & adjusting and Modernization in computer network system with Bowling Center.

**Dates** : From 1991 till 1999  
**Job Description** : Service and Construction Engineer for "Service and Operation and Industrial Engineering" in the following:

- Automatic control system for Central Train Control (CTC) Project with Siemens Company.
- Installation & Maintenance & Repair & adjusting & Modernization for Industrial Electric and Electronic systems for AC & DC Machines types accepted with in Embedded systems & PLC Systems & SCADA Systems & BMS Systems.
- Installation & Maintenance & Repair & adjusting & Modernization for

PCB Electronics Circuits (controllers) with the Ac Drive Motors and types in the following:

- Schindler Systems (Attraction Motors):
  - All types for One & Two Speed relays controller systems.
  - Microprocessor (2- Speed) Control Systems in the following:
    - Meconic E.
    - Meconic B.
  - Variable Speed Systems in the following:
    - Dynatron (2) with relays system (Swiss & German types).
    - Dynatron (2) (driver) with Aconic (controller) (version A & B & C & D and E types) systems.
    - Dynatron (2) (driver) with Meconic E (controller).
    - Dynatron (2) (driver) with Meconic B (controller).
  - Variable Voltage Systems in the followings:
    - Dynatron (s) (driver) with Meconic E (Controller).
    - Dynatron (s) (driver) with Meconic B (Controller).
- Schindler Systems (Escalator):
  - Relays control systems.
  - PLC control systems.
- Otis Systems (Attraction Motors):
  - All types for One & Two Speed relays controller systems.
  - Microprocessor (1&2- Speed) NE-300 Controller System.
- Thyssen Systems (Attraction Motors):
  - 2-speed solid-state controller system.
  - GMV Controller (Microprocessor) system.
- Dover Systems (Attraction Motors):
  - Microprocessor (1&2- Speed) Controller Systems in the following:
    - Micro-Simplex (Mac Puarsa).
    - Micro-Basic (Mac Puarsa).
    - Mac 2000 (Mac Puarsa).
    - Emergency power supply (Rescatamac) (Mac Puarsa).
  - VVVF systems in the following:
    - Mac Puarsa package (Open & Closed loop systems).
    - Dover package (closed loop systems).
- Installation & Maintenance & Repair & adjusting & Modernization for PCB Electronics Circuits (controllers) with the Dc Drive Motors and types in the following:
  - Schindler Systems (Attraction Motors):
    - Dynamic converter systems in the following:
      - Transtronic (G) (driver) with Relay system (controller).
      - Transtronic (2) (driver) with Aconic systems (controller) (Version A & B & C & D and E).
    - Express Systems (Attraction Motors):
      - Dynamic converter systems in the following: ETS Control and Compound VVM Power.
      - Static Converter systems in the following: QVT2 with (Management and Client) Computer System Linking.
- Installation & Maintenance & Repair & adjusting & Modernization by using drive systems (vvvf) in the following:
  - OMRON (G3) Drive System.
  - YASKAWA (G3 & G5) Drive System.
  - LG Drive System.

- Telemechanique Drive System.
- Mac Pursa Drive System.
- ABB Drive System.
- FUJI Drive System.
- Repair for UPS types like "M-G" & ABC Smart and Emerson.

- Field of experience :**
- Experience about 27 years for Installation & Maintenance & Repair & adjusting & Modernization for Industrial Electric and Electronic systems for AC & DC Machines types accepted with in Embedded systems & PLC Systems & SCADA Systems & BMS Systems in following application for:
    - Textile machine technology interface with PLC & SCADA Systems AND in Embedded systems (7 years).
    - Plants for Power systems, Chillers, Water treatment and interface with SCADA Systems & BMS Systems (10 years).
    - Attraction machines for (Elevator & Escalator ) Interface with PLC, Embedded systems, Drive systems, BMS Systems (8 years).
  - Skills:
    - Knowledge in CCNA (R&S) "200-125" / 2017.
    - Repair and installation for computer systems.