Holds a B. Sc. in Electronics & Electrical Communications Engineering and has over 31 years experience working in telecommunication field.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	30/07/1967
Gender	:	Male
Marital Status	:	Married
Residence	:	Nasr City, Cairo

EDUCATION

:	B. Sc. in Electronics & Electrical Communications Engineering, Cairo University, 1990

LANGUAGES

Arabic	:	Native Language
English	:	Very Good

COMPUTER SKILLS

:	Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

- DD101: Foundations of Telecommunications Distribution Design, BICSI (Oct. 2017).
- DC101 Introduction to Data Center Design, BICSI (Nov. 2017).
- IPVM University Certification for IP camera surveillance, IPVM (Aug. 2015).
- IPVM University Certification for access control, IPVM (Nov. 2015).
- Designing for cisco internetwork solutions (DESGN), CISCO (Nov. 2015).
- Extron Audio Video Association (EAVA) Certified, Extron (Mar. 2010).
- Revit MEP 2013, KEMET (Mar. 2014).
- Data center Design and Operations (uptime), HP (Jan. 2014).
- Data center management (uptime), HP (Jan. 2014).
- Project management diploma PMD, PMI (Jan. 2009).
- Training Course on Telephone Exchange Networks with high capacities in Saudi Arabia.

- **:** I have got a license from ALCATEL Company for carrying out computer system Networks after attending its training course in Cairo (ALCATEL CABLING SOLUTIONS) Expert Training.
- **:** I have got a license from SUPERIOR Company to be Multimedia Design and Integration Specialist with SUPERIOR MODULAR PRODUCTS, after attending its Training Course in DUBAI - UAE.
- **:** Training Course in MS Project in Cairo University.
- **:** Certified as Specialist Telecommunication Engineer (Cat. B) at the Saudi Royal Commission (Al Jubail & Yanbu).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From Oct. 2018 till now
Employer	:	Audi Bank
Job title	:	Rollout Low Current Projects Manager
Job Description	:	• Collaborate with project disciplines to determine the specifications of the projects.

- Negotiate contracts with external vendors to reach profitable agreements.
- Obtain permits and licenses from appropriate authorities.
- Determine needed resources (manpower, equipment and materials) from start to finish with attention to budgetary limitations.
- Plan all construction operations and schedule intermediate phases to ensure deadlines will be met.
- Acquire equipment and material and monitor stocks to timely handle inadequacies.
- Coordinate with contractors and other staff and allocate responsibilities.
- Evaluate progress and prepare detailed reports.
- Ensure adherence to all health and safety standards and report issues.
- Negotiate the subcontractors' problems and support them in any technical or financial issues to speed up the work progress.

Dates	:	From Jan. 2015 till Sep. 2018
Employer	:	Al-Joaib Consultant Office in Cairo
Job title	:	Lead Telecom Engineer
Job Description	:	• Approved from the "RC" (Royal Commission for Jobail & Yanbu - KSA) as a Specialist Communication Engineer.

- The main responsibility is to lead a group of Telecom Team to Design and Implement the Telecom Systems for "RC" projects in Al- Jubail & Yanbu districts according to "RC" requirements and standards for infrastructure projects.
- I was able to successfully lead the Telecom team to complete TASK 2 (Intelligent Transportation System (ITS) up to IFC (Issue for Construction) stage.
- The original Scope of Work for the contract "Telecom Data and ITS System Upgrade" includes the following elements:
  Design and construct the following:
  - Jubail and surrounding Highway ITS System Expansion and Upgrade.
  - CCTV System along Evacuation Route for Industrial Security Dept.

- Expansion of Traffic Management Center (TMC) to enlarge and Upgrade the Telecom/Server Room.
  - Expansion of RC IT- Data Network and Data Equipment.
  - Comprehensive Data Base of existing telecom manholes, ducts and cables of Phase 1.
  - Monitoring system of existing fiber optics cable Network.
  - Fiber To The Home (FTTH) in SABCO Compound.
- I was able to successfully lead the Telecom team to complete the 90% of Task 3 "Primary Irrigation Network and Waste Water Collection" (Packages No. 1, 2, 3, 5 & 6) and clear all customer (RC) Telecom comments (CODE 1).
- Technical Office experience.

Dates	:	From Sep. 2010 till Jan. 2015
Employer	:	Hive Technologies for Integrated Systems
Job title	:	Sector Technical Manager
Job Description	:	Responsible for executing low current projects which includes the construction of new GSM sites (Roof Top & Green Field sites), including towers foundation casting works & tower installation works also all related civil works at site, antenna sites swapping, upgrading sites to 3G, etc., also executing PLC & SCADA systems (testing & commissioning), low tension projects such as tel. exchange using fiber optics networks, data communications solutions, fire alarm networks & CCTV networks also responsible for maintenance projects (low tension & electrical networks) in different factories (such as Ideal Standard and Resorts in Sharm El-Sheikh & Hurghada).

Dates	:	From Jan. 2009 till Jul. 2010
Employer	:	Pharaoh Communications Egypt (ORASCOM Telecom subsidiary company)
Job title	:	Sector Technical Manager
Job Description	:	• The main activity of this company is to build up the new low current & GSM network in cooperating with ORASCOM Telecom company in Bangladesh (Banglalink) & KSA (Mobili & Motorola). • Also responsible for the Fiber Optics operation & maintenance project 350KM from DHAKA to Chittagong (Bangladesh). • Also responsible for execution of few GSM Green Field sites in KSA (Tabouk), as Pharaoh Com. was main subcontractor for Motorola (mobili operator). • I was hold "ekama" in KSA on that time.

Dates	:	From May 2005 till Jan. 2009
Employer	:	Pharaoh Communications Bangladesh Limited (ORASCOM Telecom subsidiary company)
Job title	:	Project Manager
Job Description	:	The main activity of this company is to build up the new low current & GSM network in cooperating with ORASCOM Telecom company in Bangladesh (Banglalink).

Dates	:	From Jan. 2005 till Apr. 2005
Employer	:	Pharaoh Communication Network Algeria
Job title	:	Construction Manager
Job Description	:	The main activity of this company is to execute the constructions for the low current & GSM sites both for the Rooftop and the Greenfield sites for ORASCOM Telecom in Algeria (DJEZZY).

Dates	:	From Oct. 2003 till Dec. 2004
Employer	:	Universe structure cabling and computer networks
Job title	:	Projects Manager
Job Description	:	• Leading the department of project execution in many computer network projects. • Managing large scale computer network projects for ministry of communications (Technology clubs, Port Said port, intelligence village, etc.). • Design and Implement computer network for many projects, Hotels, companies, governmental buildings, banks, etc.

Dates	:	From Sep. 2002 till Oct. 2003
Employer	:	PHAROH TELECOMMUNICATIONS Company, Algeria
Job title	:	Director of the sites of Mobile Network "DJEZZY GSM"

Job Description	:	• I have setup the GSM Network the company "ORASCOM TELECOM ALGERIA".
		• My working experience in the GSM field includes:
		  - Preparing the sites for civil works.
		  - Installation of shelters, including all electrical equipments and connections (control panel, fire alarm, lightning arrestors, earthing, bus bars, air conditioning, rectifiers, Bts ...etc. and also all the civil works needed for shelters installation.
		  - Experience in installing all kinds of mast's (3, 6, 9 meters) and small towers (12 and 15 meters).
		  - Installation of antennas and feeder connectors.
		  - Supervising different sites at the same time and leading several teams works.
		  - Experience in clearing the site snags.

Dates	:	From Aug. 1997 till Aug. 2002
Employer	:	PHAROH TRADE Company - one of the companies of ORASCOM TELECOM for computer networks and UPS equipments, it is an agent for ALCATEL Cables (UTP - SFTP - F.O cables) and all computer network accessories
Job title	:	Executive Engineer

Dates	:	From Nov. 1993 till Jul. 1997
Employer	:	HOSHANCO Company, Riad & Qussim - KSA
Job title	:	Maintenance & Installations Engineer
Job Description	:	• This company is an agent for Japanese Company OKI, specialized in Telephone Exchange Networks Systems with large capacities.

- I have set up Telephone Exchange Networks for many Corporations, Universities, Hospitals and Governmental Institutions in Saudi Arabia.
- I have also set up computer Networks for IBM and AS_400 Servers.
- This company is also agent for UPS equipments of the brand WATTPOWER, I made many UPS networks and the power distributions for these equipments according to the capacities of the computer and Telephone Exchange system.

Dates	:	From Mar. 1992 till Oct. 1993
Employer	:	Egypt Air, Cairo
Job title	:	Maintenance Engineer at the Department of Avionics, Technical Sector

Latest Achievements and Projects:
- Audi Bank, Egypt:
  - Managing the construction of Low current networks:
    - ❖ Data and voice Network.
    - ❖ Access Control System.
    - ❖ IP Surveillance system.
    - ❖ Indoor /outdoor public address /voice alarm (PAVA) System.
    - ❖ Fiber optics smart solutions for the above-mentioned systems.
  - Projects:
    - ❖ Sabbour Resort in 5th Settlement.
    - ❖ Oud Resort in North Coast.
    - ❖ Zahra Resort in North Coast.
    - ❖ Diplomatic Village Ph2, North Coast.
    - ❖ Katamia Heights, 5th Settlement.
    - ❖ Mountain View Resort in 5th Settlement.

SAUDI ARABIA (ROYAL COMMISSION "RC" FOR JUBAIL & YANBU):
- TELECOM DATA AND ITS UPGRADE (CONTRACT 033-C06):
  - Intelligent transportation system (ITS).
  - Design IP Surveillance system for highway and Emergency routes.
  - Fiber To The Home (FTTH) SABCO compound.
  - Expansion of RC IT-Data network.
  - Fiber Optics Solution.
  - Network (data telephone and wireless) infrastructure for 19 schools.
  - Full Design, create DBR (Design Basic Report), RFP Request For Proposal) Reports.
- PRIMARY IRRIGATION NETWORK & WASTE WATER COLLECTION (CONTRACT 069-C01):
  - Fiber Optics Solution.
  - Access Control System.
  - IP Surveillance system.
  - Data & voice, Scada (RTU) network Full Design, Create DBR.
- EXPANSION OF IWTP-8 STATION (IRRIGATION & WASTE WATER) (CONTRACT 085-C17 (TASK4)):
  - Fiber Optics Solution.
  - Data and voice Network.
  - Access Control System.
  - IP Surveillance system.

- Indoor / outdoor public address / voice alarm (PAVA) System.
- (Municipality of Riyadh) AL-KHAIR PROJECT:
  - Fiber To The Home (FTTH).
  - Data and voice Network.
  - MATV System.
- ELAOUD PROJECT:
  - Fiber Optics Solution.
  - IP Surveillance.
  - Data and Voice Network.
- SULAY PROJECT: SECURITY GATES.
- RAS TANOURA BUILDING:
  - Data and voice network.
  - Access Control System.
  - IP Surveillance System.
  - Public address System.
  - MATV System.
- IMMIGRATION BUILDING:
  - Data and Voice network.
  - Data Center design.
  - Fiber Optical Network.
  - IP Surveillance.
  - Access Control System.
  - Public Address System.

Field of experience :
- Construct & Design Phases for major multidisciplinary Projects (Pre-Feed, FEED and Detailed Designs).
- Construct & Design of low current and Systems for industrial and residential customers.
- Knowledge of international industry codes and standards (IEC, NEC, ANSI, IEE, ISO, NEMA, etc.)
- Design and Review construction shop drawings and materials submittals.
- Prepare and review design calculations for low current different systems.
- Analysis and design of telecommunication networks.
- Provide technical assistance and coordination with other discipline engineering dept. and subcontractors.
- Use computer programs to perform analysis and design of low current systems.
- Working alongside the project's owner representatives (companies, governmental, etc.), whilst providing a high level of technical support for the projects.
- Expertise to oversee and review the project designs, work progress and handover time schedule.
- Participate in vendor pre-qualification, bid evaluation and performance evaluation.
- Experience in managing and execution of the following fields of Telecommunications (LC) systems:
  - Outside Plant (OSP) - Telecom Ducts Networks.
  - Fiber Optic Transmission Systems.

- Fiber to the Home (FTTH) and GPON Networks.
- Metropolitan Area Network (MAN) data networks and data equipment.
- Structured Cabling System (SCS).
- Local Area Network (LAN) and Wireless Local Area Network (WLAN) Data Centers and Control Rooms.
- Audio visual system.
- Video conferencing with infrastructure system.
- IP surveillance System.
- IP Telephone System.
- Public Address System.
- Intelligent Transportation System (ITS).
- Intruder Detection Systems (IDS).
- Access control systems (ACS).
- MATV and IPTV system.
- Fire alarm system.
- Integration of SCADA, Fire and Alarm (F&A), BMS and Lighting Control Systems into the Telecom Network.

- Project Managing Skills:
  - Project Managing Leadership, to lead and inspire team work to reach projects targets within the time scheduled for each project.
  - Good negotiation skill, always seeks in the project negotiation to resolve conflicts by finding win-win scenarios for each party participated in the project.
  - Project scheduling, prepare time schedule for each project to fulfill the handover plan for each project.
  - Budget & cost control for each project, to ensure to deliver the projects within the cost constraints, with minimum cost deviation.
  - Risk Management, to avoid any unexpected problem may happened during the project phases.
  - Contracts Management, able to deal with and study the contracts for procurement, contractors, vendors, etc.
  - Task Management, by creating task list for each project discipline to ensure that projects come in on time and others take responsibility for their deliverables.
  - Meeting Management, for project disciplines, contractors, vendors, governmental authorities, etc.

- Other Skills:
  - Ability to lead crews of technicians for installations of Computer Networks.
  - Ability to install and test Computer Networks using test equipments (FLUKE TESTERS).
  - Good knowledge of connecting Computer Networks with the Internet using ADSL.
  - Awarded a best employee performance in network construction sector - PHARAOH COMMUNICATIONS COMPANY - 2006.
  - Fiber optics networks testing using OTDR equipment's and also termination using splicing machines.