

Holds a B. Sc. in Electronics & Communication Engineering and has about 14 years experience working as Radio & Optical Transmission Engineer. Skilled in Microwave, Optical Fiber, PDH, SDH, OTN, DWDM, Ethernet, Radio, Network Routing and Switching.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/06/1987
Gender : Male
Marital Status : Married
Residence : Ain Shams, Cairo

EDUCATION

: B. Sc. in Electronics & Communication Engineering, Ain Shams University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Linux (RHEL, SUSE)
: VMware

TRAINING COURSES AND CERTIFICATIONS

: HCIA-Transmission License / Certification, Huawei Technologies Co. Ltd. (Valid Through: Apr 17, 2025).
: Light Current Systems, Jelecom (Oct. – Dec. 2020).
: SPO 1400, SOEM, IPTNMS R16, Ericsson Italy (Apr. 2019).
: Mini link TN R4, Ericsson Egypt (Jul. 2011).
: CFOT (Fiber Optic Technician), HitekNOFAL (Mar. 2011).
: 2G/3G, 2G optimization, Legend Technology (Sep. – Dec. 2010).
: CCNA Routing and Switching, ICT (Jun. – Sep. 2010).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2023 till now
Employer : Summit Technology Solution, Cairo
Job title : Radio & Transmission Networks Presales Team Leader
Job Description :

- Solution HLD/LLD (Link Budget, DCN, Capacity, Protection scheme.....).
- Meeting with clients to discuss their hardware and software needs.
- Drafting and delivering presentations on targeted products.
- Supporting the sales team with all technical-related queries.
- Create and maintain customer relationships over the project life cycle and provide consultant support for technical evolutions and best practices.
- Technical product/solution troubleshooting and assisting in technical resolution or workaround definition.
- Solution integration and configuration.
- Preparing system presentation for Radio and transmission systems.
- Reviewing technical requirements for compliance, efficiency, and standardization.
- Conducting meetings with site Engineering teams and summarizing all types of comments received from a consultant.
- Responsible for validating all drawings and material submittals and getting approvals from the project consultant.
- Developing Integrated System designs that meet the project requirements and specifications.
- Developing system architecture schematics and a detailed design specifying the equipment and materials to be utilized within the solution in order to meet the client's operational requirements.
- Negotiate the pricing with the vendor.
- Opening new channels with foreign companies to obtain prices and technical data.

Dates : From Jan. 2019 till Mar. 2023
Employer : Summit Technology Solution, Cairo
Job title : Network Transmission Team Leader
Job Description :

- Receive & handle all day-to-day activities acting rapidly with customer requests.
- Make sure that Customer complaints or requests get solved from the first time.
- Adhering to a project action plan, schedule, needed teams, tools, materials supply, and transportation.
- Calculate the cost & revenue for each job (Cost Control).

Dates : From Aug. 2015 till Jan. 2019
Employer : Summit Technology Solution, Cairo
Job title : Senior Network Transmission Engineer
Job Description :

- Implementation of Transport network for more than Enterprise service provider (GASCO, SCA, GI) with more than 200 transmission nodes (PDH, SDH and ETH):

- Ericsson/ Service on Element Manager (SOEM), MINI-LINK TN, SPO 1400.
- Ericsson/ IP Transport NMS (IPTNMS-C/P), MINI-LINK TN, SPO 1400.
- Key Mile/ Service on XMP (SOX), XMP-1.
- Key Mile/ Universal Network Element Manager (UNEM), XMC25.
- Ensure Services delivery to different customers:
 - ❖ Voice Circuits (64Kbps).
 - ❖ E1/E3 Circuits.
 - ❖ STM-1/4/16/64 SDH Circuits.
 - ❖ Ethernet over PDH (EOP).
 - ❖ Ethernet over SDH (EOS).
 - ❖ E-LINE and E-LAN up to 10G.
- Guarantee service quality and bandwidth via CIR/EIR and Cos.
- Ensure network reliability/availability via Protection schemes (MSP, SNCP, MS-SPRING, LAG, ERP, STP).
- Installing, commissioning and maintenance of:
 - ❖ Ericsson MINI-LINK TN:
 - Antenna size: 1.2 MT, 1.8 MT and 2.4 MT.
 - Radio protection: 1+0, 1+1 and 2+2 (XPIC).
 - Diversity: Space and frequency.
 - ❖ XMP-1, XMC25 and SPO1400.
 - ❖ Management servers (SOX, UNEM, SOEM, IPTNMS).
- Performing all IFAT and SAT Procedures with all required testing tools (Power Meter, Laser source, E1 Tester, and Ethernet Analyzer).
- Implementation of LTE 4G network for New Capital Presidential Palace:
 - AutoCAD drawings review (Design, Shop drawings, As built, RCP) and approval with consultants.
 - Installing of Huawei LTE IBS (Indoor Building system) (Feeders, Splitters, Couplers, Antennas.....) Test feeders VSWR using site master.

Dates : From May 2013 till Jul. 2015
Employer : Premium Services & Technology, Cairo
Job title : Microwave Transmission Project Coordinator (Vodafone Operator)
Job Description :

- Adhering to a project action plan, schedule, needed teams, tools, materials supply, and transportation.
- Receive & handle all day-to-day activities acting rapidly with customer requests.
- Calculate the cost & revenue for each job (Cost Control).

Dates : From Apr. 2011 till May 2013
Employer : Ericsson Egypt Ltd.
Job title : Field Maintenance Engineer (Etisalat 3rd Operator)
Job Description : Testing and troubleshooting of:

- Microwave links (Ericsson MINI-LINK TN 2p, 6p, and 20p).
- 2G/3G Cabinets (Ericsson, Huawei, and ZTE).

Dates : From Sep. 2010 till Apr. 2011
Employer : HitekNOFAL
Job title : FTTx Engineer
Job Description :

- Design of LAN (copper & fiber) and FTTx networks.
- Implementation of CAIRO METRO (LINE I & II) structured cabling (Copper + Fiber).

Dates : From Dec. 2009 till Sep. 2010
Employer : Sigma Engineering, Cairo
Job title : Maintenance Engineer
Job Description : Installing, Commissioning and repairing UPS systems (GE and Chloride brands).