

Omar Mahmoud Ibrahim Mohamed

Cairo, Egypt.

Cellular :01028784487

E-mail: engomarmahmoud32@gmail.com

LinkedIn account: Omar-Mahmoud-Ibrahim

1- Professional Summary

Communication engineer who believes in making each transition to new technology as smooth as possible.

Have seven years of experience in Rollout Process, strong product and technical knowledge communication and organization skills specifically in low current field. Demonstrated ability to work both independently and as a team.

Talented at educating others on features of hardware, software, and network.

2- Working experience

2.1- RATP Dev. Mobility Cairo (December 2021 -Present)

- Senior telecom engineer.
- Telecom maintenance engineer.

Responsibilities:

- In charge of performing all corrective and preventive maintenance of all Telecom assets:
- Response for 11 systems (UPS- CCTV- Fire detection- Public address- Voice recording- Telephone- Intercom- Clock server- Multi serves network "MSN"- Radio system "Tetra" Repeater- Dynamic display (PIS)).
- Working on MAXIMO IBM software.
- Supervising Testing & Commissioning and installation of the new phases of Cairo metro line 3.
- Witnessing telecommunication subsystems installation drawings and method statements with subcontractor.
- Prepare reports for the FAT/SAT tests results.
- Supervision of system integration tests.
- Attend meetings and workshops with the contractor and the client.
- Training the newcomers for telecom team.
- Planning telecom activities of preventive maintenance.
- Monitoring MTTR and MTBF of telecom systems.
- Preparing incident reports for telecom and any system failures.
- Design new improvement tasks for old systems.
- In-charge of tools requesting, and specification of which tools are needed to get the job done.
- Follow -up lifting of remarks of punch list.
- Follow-up on the completion of monthly preventive maintenance tasks in due time.
- Follow-up on the completion of monthly corrective maintenance tasks in due time.
- Safe tracker user for preventive and corrective work permits approval.

2.2-ACTEL communications S.A.E (December 2017 to December 2021)

- System Engineer at ACTEL.
- RF senior Engineer at ACTEL.
- Site Engineer at ACTEL.

Responsibilities:

- Technical office work (Technical Reports-Shop Drawing-Mobile radio RF planning- Project Planning)
- ODP: October dry port fiber passive network installation.
- Adly Mansour transportation hub light current installation (PA-FA-CCTV-IP Telephony-Security Gates-Passive Network).
- ENR modernization project working on RF planning for (Itay El Barood and October-Ekata and Giza-Bani Sufi) Lines.
- ENR 38 radio base station installation from High Dame to Al Mansoura and RF coverage for half duplex system Tait.
- ENR 300 Radio installation all RF installation in old trains half duplex Tait.
- TOA: Public Address Project in Metro's first Line working on installations.
- Simoco: DMR (Digital Mobile Radio) in Metro's first and second Line working on installations and troubleshooting.
- Bosch: Fire alarm system for the first line stations worked on installation and integration.
- Huawei and Siemens: Passive network pilot project for Egyptian railway working as senior site engineer.
- Thales: radio swap from old buildings to the new buildings for Egyptian railway upper Egypt/RF survey to locate dead spots on the track.
- GE: programming/maintaining the radio system on the 100 new locomotives brought to Egyptian railway.

3- Education

- Electronics and communication engineering Pyramids higher institute 2012-2017
- Specialty: ELV/Radio frequency/Low Current engineer/Information Technology.
- Grade: Good.
- Graduation Project: Hexacopter kit drone with IP CAM.

3.1-Extra Activities:

- Former Head of Public Relation at Enactus Egypt (2014)
- Algarbia Regional manager at Life Maker Charity organization (2015)
- Head of marketing at Ressala Charity organization (2016)
- Former President of PHI team at Enactus Egypt (2017)

4- Courses

- Mobile package with ENG. Waleed Elsafori.
- Light current diploma in ETA Academy.
- CCNA self-study.
- Microsoft 365 (office).
- Autocade self-study.
- Adobe Design kite (PS-AI-IND-PER).

5- Training

- DMR system training in UK with Simoco wireless solutions (July 2019).
- VHF system training in Egypt with Tait Communication (August 2020).
- Electronic circuits in Egypt with Elsayedy Electric (July 2014).

6- Technical Expertise

- AutoCAD (Moderate)
 - Drow.io (Moderate)
 - Site Master (Saluki S3101)
 - Spectrum analyzer (General dynamics R8000B).
 - RF planning using Mobile Radio software.
 - OTDR (Saluki S2104, Fluke)
 - Fiber splicing using saluki (SFS-2000 Fusion Splicer).
 - installation/maintenance of radio conventional systems and DMR (tier 2 and tier 3).
 - Maintain Tetra system Motorola (Portable- RMS- BTS- Repeater)
 - Maintain analog CCTV Honeywell – IP CCTV Bosch
 - Maintain and installation public address (TOA- Bosch)
 - Maintain MSN switches Alcatel Lucent from 8000 to 8200.
 - Maintain PABX Alcatel Lucent (SST- IP telephone- analog telephone)
 - Maintain AEG UPS system
 - Maintain and installation Fire detection system (Bosch -Silvani- Hochiki - VESDA- Fike)
 - Operating system (windows XP/7/8/10).
 - Microsoft Word/Excel/Power Point/Visio (Moderate).
 - Hardware (assembling & diagnostics)
-

7- Languages

- English (Very good spoken and written)
 - Arabic (Native)
-

8- Personal information

- Nationality: Egyptian
 - Date of Birth: September 8, 1994 - Marital Status: Married
 - Driving License: Valid
 - Military status: final exempt.
-

References available upon request.