

Moe Elasmr

Professional Summary

A highly accomplished, disciplined and highly motivated professional with 14+ years of experience in Network Operations, Project and Service Management in Telecommunications and IT sector, always keen on development and looking for a role in IT Security.

Career Summary

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| ● Network Engineering Specialist, Accenture | <i>Sept 2022 – Present</i> |
| ● RF Optimization Consultant, umlaut | <i>Jan 2021 – Sept 2022</i> |
| ● RF Optimization and Analysis Engineer, umlaut | <i>Aug 2019 – Jan 2021</i> |
| ● Analytics Engineer, P3 Group | <i>Sept 2018 – Aug 2019</i> |
| ● RF Test Engineer, P3 Group | <i>Jul 2017 – Sept 2018</i> |
| ● Network Operations Center (NOC) Team Leader, Eaton Towers | <i>Jan 2016 – Dec 2016</i> |
| ● Lead, Network Performance Analyst, Orange | <i>May 2014 – Dec 2015</i> |
| ● Sr. Service Performance Analyst, Orange | <i>May 2010 – May 2014</i> |
| ● NOC Engineer, Orange | <i>Feb 2008 – May 2010</i> |

Education & Certificates

- **Certificate IV Cyber Security - [TAFE NSW](#)**, Australia
- **ITIL 4 Foundation Certificate in IT Service Management - [AXELOS](#)**
- **Diploma of Project Management - [RITI Regional IT Institute](#)**, Egypt
- **Cisco Certified Network Associate (CCNA 200 – 125) - [Cisco](#)**
- **Bachelor of Telecommunications and Electronics Engineering - [Mansoura University](#)**, Egypt

Skills

- Mobile networks Optimization: 5G, LTE, 3G UMTS, HSPA -HSDPA/HSUPA
- Telecom tools: Huawei U2020 & PRS/ Ericsson ENM & ENIQ/ Infovista TEMS & Planet
- Network Security Tools: Kali Linux, Burp Suite, Nmap, MSF, Nessus
- Network Protocols (TCP/IP, HTTP, SIP, FTP, SSH, Telnet, etc.)
- Routing and Switching protocols (EIGRP, OSPF, VPNs, STP, VLAN)
- Tableau Desktop
- Basic knowledge of Splunk

Work Experience

[Accenture](#), Sydney, Australia

Sept 2022 – Current

Engineering Services Specialist

- Managing Benchmarking projects of network performance for local and international service providers
- End-to-End mobile network performance analysis and optimization over LTE & 5G
- Deep dive & root cause analysis for VoLTE, IMS & EPC Core issues
- Providing Network wide optimization plans including all network domains (RAN, Transmission and Core) to enhance overall network performance
- Providing 5G coverage prediction designs for new 5G sites rollout

Tools used: *Infovista TEMS, Wireshark, Tableau Desktop, Huawei PRS & U2020, Ericsson ENM & ENIQ*

umlaut Pty Ltd, Sydney, Australia

August 2021 – Sept 2022

RF Optimization Consultant

- RF infrastructure optimization and Power tuning
- KPI & network performance analysis and visualization based on Tableau software
- Audited performance KPIs of Huawei and Ericsson networks for different operators.
- Developed visually compelling presentations of the results, reporting of project status, actions, and recommendations.
- Technical discussions with customers, and on-site presentation of final reports.

Tools used: *Infovista Planet, Huawei PRS & U2020, Ericsson ENM & ENIQ, Tableau Desktop*

umlaut Pty Ltd, Sydney, Australia

August 2019 – Jan 2021

RF Optimization and Analysis Engineer

- Optimization of 3G and 4G RANs, providing consultancy services on RF planning strategies and methods.
- Analyzed network performance of multiple operators inside & outside Australia by defining network issues & rooms for improvement in different layers & network elements & provided correspondent recommendations.
- Radio Network rollout, swap, RF clean-up, Automatic Cell Planning (ACP)
- Onsite RF Optimization consultancy for 2G, 3G and 4G networks to improve quality of coverage by increasing cell dominance and reducing interference levels.

Tools used: *Infovista Planet, Huawei PRS & U2020, Ericsson ENM & ENIQ*

P3 Communications Pty Ltd, Sydney, Australia

September 2018 – August 2019

Analytics Engineer

- Planned, designed telecommunication network projects & associated equipment of customers.

- Performed detailed analysis of network measurement data to identify and classify failure patterns of low performing voice and data service KPI's.
- Performed security assessments by analyzing settings for LTE/UMTS/GSM Encryption & subscriber Authentication.
- Worked collaboratively within a global team on multidisciplinary projects across the P3 Group organization.

Tools used: Infovista TEMS, Wireshark & P3 inhouse tools

P3 Communications Pty Ltd, Sydney, Australia

July 2017 – September 2018

RF Test Engineer

- Prepared telecommunication project proposals for customers, including scoping of customer requirements, required equipment and services.
- Organized, executed, and evaluated drive and walk test campaigns.
- Ensured all measurement systems are correctly installed as per the P3 installation standards.
- Managed the LAN & IT infrastructure & services and implement any new services to meet ongoing P3 requirements.
- Provide L1/L2 professional support to resolve user issues.
- Managed ongoing life cycle of test system components and associated software.
- Supported in Telecom Security projects for Air interface security assessment via active probing.

Tools used: Rhode & Schwarz Romes, Infovista TEMS, PowerShell & VMWare Workstation Pro

Eaton Towers, Cairo, Egypt

January 2016 – December 2016

Network Operations Center (NOC) Team Leader

- Responsible for NOC project of Eaton towers from Planning, Procurement till Implementation & testing.
- Established and maintained communication channels with internal and external stakeholders.
- Implemented contingency plans including communication and escalation points, operations and business continuity, and improved network Incident management process.
- Developed policies and procedures in line with the National Telecommunication Regulatory Authority (NTRA).

Orange, Cairo, Egypt

May 2014 – December 2015

Lead, Network Performance Analyst

- Led the Network analysts' team and was responsible of the overall performance KPIs.

- Generated periodic Network Performance statistics, measurements, and analysis.
- Liaised with suppliers and external consultants for Network actions according to the SLA.
- Assured all suppliers' tests network actions are done according to Orange's standards
- Identified root cause of Network outages and provided long term and short-term solutions.

Orange, Cairo, Egypt

June 2010 – May 2014

Sr. Service Performance Analyst

- Analyzed potential trends to drive down repeated incidents.
- Provided recommendation on key findings related to voice calls and packet data quality.
- Supported & troubleshooted the required patches and changes in the OMCs to fit the NEs upgrades.
- Applied different troubleshooting techniques to faulty equipment and hardware failures.
- Validated all network action plans to maintain the network performance within the swapping phase of the SRAN project (Single-RAN Huawei Swap Project)

Tools used: Citrix, Sun (Oracle) Unix OS, Motorola NHA, Alcatel NPO, Huawei M2000

Orange, Cairo, Egypt

February 2008 – May 2010

BSS/ RAN NOC Engineer

- Monitored/controlled Orange's BSS/RAN Network Elements (2G/ 3G).
- Handled Network incidents/alarms according to the severity matrix in the internal SLA.
- Troubleshooted network problems and outages.
- Provided remote support to field engineering teams for both internal (Orange) or external (Vendors/ Subcontractors) teams.

Tools used: Sun (Oracle) Unix OS, Motorola OMC-R, Alcatel OMC-R, HP Service Manager.

References: Available upon request