

# Georges Choueiry

Telecommunication Engineer

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## Summary

A highly skilled and dedicated RAN Technical Support Engineer with a strong passion for telecommunications. With my experience, I have developed a deep understanding of RAN technologies and troubleshooting methodologies. My expertise lies in analyzing network performance, resolving technical issues, and ensuring optimal functionality of RAN systems. Detail-oriented, with excellent problem-solving and communication skills, and can work under pressure to meet tight deadlines. As an MCR Operator, I bring extensive knowledge in broadcast operations, excelling in monitoring channels and managing live feeds. Additionally, I have proficiency in operating and troubleshooting various broadcast equipment and possess extensive knowledge in programming languages like Linux, Java, and HTML.

## Experience

### Compliance And Test Engineer

Jul 2023 - Present

Multilane

Aley-Lebanon

- Conduct comprehensive compliance tests for a wide range of transceivers and cables, including SFP, QSFP, QSFP-DD, and OSFP, ensuring they meet industry standards, which leads to improved product reliability and customer confidence.
- Generate detailed compliance reports and perform thorough analysis, enabling key stakeholders to make informed decisions on product quality and improvements, ultimately enhancing the performance and competitiveness of transceivers and cables.
- Proficiently operate a wide range of lab equipment (BERT, oscilloscope, electrical DSO, and optical DSO) to ensure accurate testing and analysis, contributing to the reduction of error rates and improvement of overall system performance.
- Leverage extensive experience with Keysight equipment for various testing and analysis, ensuring precision in test results, which drives product optimization and compliance with stringent industry standards.
- Apply strong troubleshooting and debugging skills to resolve issues during compliance testing, minimizing downtime and ensuring timely delivery of fully compliant, high-quality products.
- Identify and address issues that arise during compliance testing, improving the efficiency of the testing process and ensuring smooth product launches with fewer post-release defects.
- Perform switch configuration, FTTH testing, and PON testing to ensure robust network performance, which enhances service delivery and supports the scalability of future infrastructure deployments.

### RAN Technical Support Engineer

Jun 2020 - Jun 2023

Novelus

Beirut-Lebanon

- Handled all troubleshooting activities for NR (5G) and eNodeB (4G), resolved and isolated operator issues over E// OSS (Node SW/ HW Alarms, VSWR, RSSI, Fibers/ SFPs), ensuring minimal network downtime and maintaining optimal performance for end users.
- Developed automated methods and MOPs (Methods of Procedure) for the team, improving efficiency and accuracy in task execution, resulting in faster and more reliable service delivery.
- Managed all troubleshooting and scripting tasks for 2G/3G/4G/5G networks on E// OSS, ensured that RET's radios, TMAs, and HW/SW configurations are aligned with RFDS design templates and alarm-free, which enhances network stability and performance.
- Performed PIM testing and troubleshooting for 3G/4G/5G networks to resolve RSSI issues, conducted detailed heat-map investigations to identify and eliminate root causes, thereby improving signal quality across Macro, Micro, and Small Cell sites.

- Conducted full parameter checks and post-integration troubleshooting scrubs, ensuring sites are thoroughly tested and fully operational before submission to the RF team, which accelerates project completion and guarantees compliance with design standards.
- Installed and troubleshot Ericsson products (eNodeB, gNodeB, NodeB, BTS), including DUG, DUW, BBUs, RRUs, Air Antennas, RET's, TMAs, Diplexers, and Routers, ensuring seamless integration and optimal equipment performance across diverse network setups.
- Installed and troubleshot Ericsson cabinet products (BFU, PSU, PDU, DCDU, SHU, SAU, SCU, NCU, Rectifiers, Cabinet Sensors, Fan Groups, OVP, GPS cone, GPS Splitter, GPSOVP), enhancing network reliability through precise and efficient infrastructure deployment.

**MCR Operator**  
NewsGate  
*Beirut-Lebanon*

Sep 2018 - Oct 2020

- Collaborated with a team of engineers to maintain and optimize the performance of broadcast equipment (cameras, microphones, control panels, and transmission systems), ensuring seamless operations and high-quality broadcast delivery to the audience.
- Effectively troubleshot technical issues during live broadcasts, minimizing disruptions and maintaining a continuous, high quality viewing experience for the audience, enhancing overall broadcast reliability.
- Gained expertise in satellite uplink and downlink systems, specifically in line with Eutelsat's satellite-based broadcasting solutions, resulting in the successful implementation of satellite transmission for enhanced global coverage.
- Configured satellite parameters such as frequency, symbol rate, bit rate, bandwidth, FEC, video settings, modulation, and framing to ensure precise signal transmission, contributing to improved feed stability and transmission quality.
- Led recording studio sessions, online streaming, large-scale interview services, live position services, and Satellite News Gathering (SNG) services, ensuring efficient production workflows and delivering high-quality broadcast content.
- Utilized a spectrum analyzer to monitor and optimize broadcast signal quality, ensuring consistent, clear transmission and minimizing interference, leading to improved viewer experience.
- Managed the coordination of incoming and outgoing signals (video, audio, and data streams), ensuring the seamless integration of high-quality content into broadcast streams and enhancing overall output quality.

## Education

### **Master of Science**

Computer and Communication Engineering – Arts, Sciences and Technology University in Lebanon

Sep 2020

### **Bachelor of Science**

Computer and Communication Engineering – Arts, Sciences and Technology University in Lebanon

Sep 2018

## Certificates

- Tableau Desktop Specialist – Simplilearn (Oct 2024)
- Programming Basics and Data Analytics with Python – Simplilearn (Sept 2024)
- SQL server – Simplilearn (Jul 2024)
- Business Analytics with Excel – Simplilearn (Jun 2024)
- Data Analyst – Simplilearn (Nov 2024)

## Computer Skills

Microsoft office/Adobe Premiere/Ateme Encoder/Java/SQL/Matlab/C++/Linux/Python/HTML/TeraTerm/Keysight

## Languages

Arabic: Native

English: Fluent

French: Intermediate