

HSHA

RF Planning and Optimization Engineer (Radio Access Network) Engineer • RF (NOC) Engineer

SUMMARY

Professional with 8 years of Multi-Vendor/Operator experience in 2G, 3G & 4G (UMTS, LTE) networks as RF Planning /Optimization, RF Redesign and Customer Complaints Resolution Engineer.

CONTACT

If hiring or know of a job matching this client-candidate, please call 647-773-8899, email or [Book an Appointment](#)

There are no fees or charges of any kind to hire through any [Nigel Corneal BDM Service Network Inc. service.](#)

SKILL SET

- ✓ MapInfo
- ✓ TEMS Investigation 18.0.3
- ✓ TEMS Discovery
- ✓ Nemo Analyzers
- ✓ Nemo Outdoor
- ✓ Net Numen
- ✓ NetAct
- ✓ Log Files Analysis
- ✓ Bench Marking Report
- ✓ Drive Test Report

EDUCATION

**Bachelor of Electrical Engineering-
Major in Electronics (2009)**

PROFILE

- Proven record of winning clients' confidence including corporate sector and high-profile clients through engaging them and resolving their complaints in timely and efficient manner.
- Awarded twice as the 'Star Performer' [REDACTED] for outstanding performance.
- RF KPIs (2G/3G/4G) Analysis & changes to achieve target KPIs
- Conducted Indoor Business Solution, IBS, surveys for 120 locations.
- Involved in Planning of 200 new sites to provide best voice quality and high internet speed to customers.
- Managed a team of 30, including 18 engineers and 12 technicians.
- Extensive knowledge of network performance management functions including data extraction, monitoring, analysis, trending, troubleshooting, and reporting.
- Proven ability of real time supervising and optimization of KPIs in mega events.

WORK HISTORY

[REDACTED] (ZTE/NOKIA NETWORKS) [REDACTED] 2011-Present

RF Planning and Optimization Engineer Oct 2018-Present

- Analysis and reporting of Network KPIs (2G, 3G, 4G) like CSSR, CDR, HOSR, MPD, TBF Blocking, TBF Drops, TASR, eRRC, eRAB, RRC RAB, RRC ESR, RAB DR, RAB blocking, HSPA throughputs, PRB Utilization, HSPA CDR, CSSR, CDR.
- Benchmarking of reparenting, BSC Version upgrades, social events-based activity reporting, software upgradation, LAC, RAC changes and reporting.
- Handle Operations, Management, Implementation, Project Deployment, Delivery and Support.
- Liaising with team to identify and fix degraded cells, and resolution of complaints from customers and corporate clients.
- Conduct cell splitting activities, pre and post analysis, reporting, and cell blocking and unblocking analysis.

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WORK HISTORY Continued

RF Planning and Optimization Engineer

Nov 2014-April 2018

- Monitored, maintained, and enhanced KPIs of given clusters' level KPIs (NPS, RRC, eRAB, RAB, CSSR, DCR, MPD, IRAT, HSR, Traffic, PRB Utilization, CSFB, Payload, throughputs, EcNo, TA/PD Stats), SDCCH Blocking Rate, TCH Blocking Rate and Zero Traffic, daily average values, and hourly trend above agreed service level agreements.
- Executed several parameter trials to enhance MPD, HPSR, Drops, proposed soft and hard parameter changes, and monitored impacts of changes.
- Dealt with hardware related concerns on daily basis, including sector swap, RRU faulty/low efficient, and hardware alarms, escalated concerns to the BSS team with regular follow-ups.
- Identified worst cells of major KPIs and took necessary steps to eliminate the issues.
- Gathered information on worst cell clusters, and synthesized report on daily, weekly, and monthly basis.

RF Test Engineer and Coordinator

Nov 2011-Nov 2014

- Performed RF drive testing for new sites including TRX test, Idle, Dedicated, Edge & GPRS test, and scanning modes.
- Ensured holistic performance of drive testing for new sites meets the set targets and resolved pertaining technical issues.
- Worked on post drive test log files for investigating drive test issues through analyzing Poor Coverage, RF Interface, RF Quality, and troubleshooting through fine tuning and hard optimization.
- Regulated Tilts, Azimuths, and HBA to bring traffic and cell capacity to desired level.
- Analyzed log files for 2G and 3G to improve weak coverage and enhance quality.
- Undertook neighbor optimization and planning, frequency tuning, retuning, and auditing, alarm monitoring, site status check, conducted parameter audit using NetAct MML session and Netnumen.
- Supervised and inspected on site issues and installed BTS and other site apparatus.
- Liaised daily with the team and rigger to keep track of their activities.
- Probed and fixed complaints by corporate and non-corporate clients by conducting indoor walk-test.

(HUAWEI NETWORKS), May 2010-April 2011

RF (NOC) Engineer

- Monitored down sites, and escalated issues to the regional field operations team.
- Examined, and reported crucial service affecting alarms of BSCs and RNCs.
- Handled queries for OMCR data, and generated handover sheet for next shift team members.
- Monitored external alarms, BTS, BSC, and MSC.