Masood Abdul Hameed Khan
Electronics & Telecommunication Engineer
Mobile No. : +91 9673535021
Mumbai, India
Email: masood.2854@gmail.com

Career Objective:

To be the part of a team of high-calibre professionals in a progressive, transnational organization, thus sharpening my technical and analytical skills, while at the same time, contributing my best to the overall development of the organization.

Working Experience:

4.4 Years of working experience as a 2G, 3G & LTE RF Engineer.
Currently working as **RNO** for Vedang cellular Services Private Limited

Client: Nokia Solutions & Networks

Project: Network Designing FDD (VIL-Vodafone Idea Limited).

Duration: 1 July 2019 to current date.

Summary:

- ➤ RF Optimization Engineer with support for network management and KPI analysis of network 2G, 3G& LTE.
- ➤ Experience in Drive test, RF Optimization & post processing.
- ➤ Good Knowledge of Nokia GSM, WCDMA & LTE equipment.
- ➤ Good knowledge on Optimization of 2G, 3G & LTE networks.
- ➤ Ability to perform quality work within deadlines without direct supervision.
- ➤ Recognition for customer Satisfaction and Quality.
- ➤ Ability to Perform as an Individual as well as a team member.

Current Work Details:

- ➤ Analysis of clusters using drive test data. Analysis by using tool TEMS Discovery.
- ➤ Making plan for bad areas of clusters having poor coverage & quality issues.
- ➤ Optimizing 3G sites to reduce drops, Improving SHO & Inter-Frequency handovers, and RRC & RAB establishment success rate for AMR, Packet & HSPA calls.
- ➤ Optimization of UMTS sites based on RSCP, Ec/No, Pilot Pollution, Missing neighbours, Soft HO using drive test data.
- ➤ Optimization to improve quality, Pilot Pollution, Overshooting cells , to make desired servers dominant through antenna tilt or power changes.
- ➤ Finding out the interference problem & rectify the same.
- ➤ Optimizing 4G cells having low utilization to create cell dominancy. Down tilting overshooting cells to improve SINR.
- ➤ DT L3 Analysis and Fail KPI trouble shooting.
- ➤ Responsible for Daily Network Health Monitoring through analysis on KPI reports
- ➤ Conduct detailed drive test in key areas with degradations in KPI statistics which causes major impact in network wide statistics.
- ➤ After implementing all the desired changes, conducting post drive tests in respective clusters.

➢ Post optimization, presenting improvement in Pre-Post comparison to client.

Previous Employment Details:

Worked as a **RNO** for Teleysia Networks Pvt Ltd.

Client: Vodafone Idea Limited- MS

Project: Cluster Quality Improvement

Duration: From August- 2018 to June - 2019

Responsibilities: Analysis of clusters using drive test data. Analysis by using tool TEMS Discovery. Making plan for bad areas of clusters having poor coverage & quality issues. Optimization to improve quality, Pilot Pollution, Overshooting cells , to make desired servers dominant through antenna tilt or power changes.

Worked as a **DT Engineer** for Decon Telecom Solutions Pvt Ltd.

Client: ZTE

Project: Massive MIMO Trial

Duration: From November- 2017 to July - 2018

Responsibilities: Performed various trial test like Handover (x2/s1/ANR), Maximum cell throughput, beam-forming test with transmission scheme TM7/8 for 24 UEs as well as 16 UEs in Laboratory as well as on field along with core team. Performed pre drive test for existing cell site and post swap drive test. Also performed data testing at Wankhede Stadium during IPL matches and BBH to check the cell throughput and RB utilization of mMIMO cell.

Client: Nokia Solutions & Networks (Bharti Airtel-Rollout)

Duration: From October-2016 to November-2017

Worked as a **DT Engineer** for Vedang Cellular services private limited

Client: Nokia Solutions & Networks (Vodafone MS)

Duration: From October-2014 to May-2016

➢ Performed site optimization to improve 2G KPIs like SD drop, SD block, TCH drop, TCH block, 3G KPIs like AMR RAB drops, RRC/ RAB fails, RTWP, Traffic balancing, pilot pollution, 4G KPIs like DL user throughput/ PDCP throughput, PRBs utilization, Overshooting cells.

➢ Customer complaints visit, analysis & resolving customer issues by optimization or by suggesting alternate/ long term / short term solutions.

Analysis & Report making Tools Used:

TEMS Discovery 20.1.1, MapInfo Professional, Google Earth, TEMS Investigation, NEMO Outdoor, NEMO Analyser.

Education:

➢ B.E (Electronic & Telecommunication) with **First Class** from D.Y.Patil School of Engineering (Pune University) in 2015.
➢ Diploma (Electronics & Telecommunication) with **First Class Distinction** from Sahyadri Polytechnic, Sawarde (MSBTE) in 2011.
➢ HSC from D.B.J College with **Higher Second Class**, (Maharashtra State Board) in

2008.

➤ SSC from L.M Bandal School with **First Class** (Maharashtra State Board) in 2006.

Personal Details:

Date of Birth	: 22-Jul-1991
Gender	: Male
Marital Status	: Married
Nationality	: Indian
Language Known	: English, Hindi & Marathi

Personal Details:

Name- *Masood Khan*

Current Address:
7/112, Arab Manzil, Huzeria Street,
Virani marg, Nagpada,
Mumbai- 400008

Permanent Address:

12, 2nd Floor, Heena Apartment,
Kaskar Ali, Pag,
Tal: Chiplun Dist: Ratnagiri
State: Maharashtra
Postal Code: 415605

I hereby declare that the above given information is true to the best of my knowledge.

Masood Khan