



Job Description

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Job Title Radio Frequency Engineer	Job Location Dar es Salaam	Category -
Job Type Full Time	Job level Supervisory	Industry Telecommunication
Open to Expatriates Open to Expatriates & Local Nationals		

Minimum Requirements

Min Budget -	Max Budget -	Primary Industry Telecommunication: 5 Years
Secondary Industry -	Primary Category -	Secondary Category -
Certificate -	Qualification -	

Summary

The Radio Frequency Engineer will be responsible for optimizing 4G and 5G network performance through KPI analysis, network strategy design, feature deployment, parameter tuning, and customer experience improvement. The role requires strong technical expertise in radio access network (RAN) technologies and the ability to engage independently with customer stakeholders on network performance and optimization strategies.

Responsibilities

- Perform 4G and 5G network KPI analysis, monitoring, troubleshooting, and optimization to improve network performance and service quality.
- Develop and implement Radio Frequency Engineer optimization strategies, including feature deployment, parameter tuning, and network configuration adjustments.
- Analyze Measurement Reports (MR) and optimize related network performance metrics to improve coverage, capacity, and user experience.
- Conduct network performance assessments and identify opportunities for improving coverage, accessibility, retainability, mobility, and capacity KPIs.
- Utilize QGIS and other relevant tools for geographical network analysis, coverage assessment, and optimization planning.
- Work with radio access network equipment, features, parameters, and optimization tools to implement effective network performance improvements.
- Conduct technical discussions with mid- to senior-level customer stakeholders on network policies, KPI optimization, and network performance metrics.
- Prepare technical reports, optimization recommendations, and performance improvement plans for customers and internal stakeholders.
- Collaborate with network planning, implementation, and operations teams to resolve network performance issues and achieve optimization targets.
- Support the deployment, evaluation, and verification of new network features and optimization solutions.

Education & Qualifications

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- Bachelor's degree in Telecommunications Engineering, Electrical and Electronics Engineering, Information and Communication Technology, or a related field.
 - Relevant professional certifications in telecommunications, RF engineering, or mobile network optimization are an added advantage.

Requirements

- Minimum of five (5) years of experience in Radio Frequency Engineer engineering, with a strong focus on 4G and 5G network optimization.
- Proven experience in Radio Frequency Engineer KPI optimization, parameter tuning, feature deployment, and network performance improvement.
- Hands-on experience with radio access network equipment, features, parameters, and optimization tools.
- Practical experience in QGIS for geographical analysis and network optimization.
- Experience analyzing Measurement Reports (MR) and optimizing associated network performance metrics.
- Experience engaging with mid- to senior-level customer stakeholders on technical issues and network optimization strategies.
- Experience with Airtel Groundhog tools and metrics is an added advantage.
- Previous team leadership or technical team coordination experience is an added advantage.

Characteristics

- Strong analytical and problem-solving skills, with attention to detail.
- Excellent communication and technical presentation skills.
- Ability to work independently and make sound technical decisions.
- Strong interpersonal skills and the ability to build effective customer relationships.
- Proactive approach to identifying network performance issues and recommending solutions.
- Strong planning, organizational, and time-management skills.
- Ability to work effectively under pressure and meet agreed deadlines.
- Collaborative mindset with the ability to coordinate effectively with cross-functional teams.
- Strong leadership and decision-making capabilities, particularly when coordinating technical teams.

Driving Licence

Not Required

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