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Top Skills

Tableau

Microsoft Power BI

Financial Analysis

Certifications

Data Sciences for Decision Making

Financial Decision Making

Technology Operations Management

Accounting and Financial Reporting

Global Business

Sadiq Mohammed

Telecoms Professional | Data Analyst | Insightful Tech Writing
Lagos State, Nigeria

Summary

Telecoms Data Analyst & Writer - Bridging the gap between engineering and understanding

With 12+ years of hands-on experience in the telecommunications industry spanning field engineering, regional team leadership, and data-driven solution design, I bridge the gap between technical expertise and actionable storytelling. My journey began climbing towers as a Radio Network Optimization Engineer, troubleshooting connectivity issues in Nigeria's bustling cities and remote highways. Today, I channel that on-ground experience into data analytics to uncover insights that solve real operator pain points. From radio networks to business intelligence, I've seen how the right solutions can transform connectivity and user experience.

But I don't just work in telecoms; I translate it - Telecommunications shapes the way we live, work, and connect, yet it's often buried under layers of jargon and technical complexity. My mission? - To break it down.

What I Bring to the Table:
Technical Precision, Relatable Clarity, Problem-Solving DNA, Future-Focused Curiosity

Whether it's making sense of networks, and devices, unpacking industry trends, or exploring the future of communication technologies, I turn dense topics into clear, engaging, and relatable content.

I don't just write about telecoms—I've lived it. My articles blend hard-won field experience with a knack for making LTE standards or cellular backhaul strategies feel human - I prioritize accessibility without dumbing down the tech.

Through data analysis and clear insightful writing, I help businesses, decision-makers, and everyday people understand the technologies that power their world. If you need insights, and technical content that's accessible, and actually enjoyable to read—I'm your guy.

Experience

Huawei
7 years 8 months

Telecommunications Data Analyst
January 2023 - Present (2 years 8 months)
Lagos, Lagos State, Nigeria

I drive the identification of network investment opportunities by correlating business and network performance data across major telecommunication operator networks.

I collect data for marketing solutions based on strategic objectives and market strategies of the business domain, including basic customer information, network information, and business information involved in brand-building activities, and develop and implement marketing solutions to ensure the achievement of marketing objectives.

I analyze large datasets (network KPIs, traffic statistics, subscriber information, etc.) to draw actionable business insights. I create interactive dashboards and visualizations to analyze and compare key performance metrics to highlight major improvement areas on operator networks.

I communicate data-supported network improvement recommendations to senior
leadership to influence technology strategy.

Senior Radio Network Performance and Optimization Engineer
January 2018 - December 2022 (5 years)
Lagos, Lagos State, Nigeria

I designed end-to-end wireless solutions for our customers, encompassing 2G, 3G, 4G, and 5G technologies.

I conducted comprehensive site planning to ensure optimal coverage and capacity for network deployments.

I collaborated with cross-functional teams, including RF engineers, network planners, and project managers, to develop integrated and scalable wireless solutions. I developed the best solutions for power optimization and weight minimization of radio equipment on towers, ensuring efficient utilization of resources.

I evaluated and selected appropriate frequency expansion strategies to support network growth and capacity requirements, conducting feasibility studies and assessing network performance to identify areas for improvement.

I provided technical guidance and support to internal teams and external stakeholders on wireless network design, implementation, and optimization.

I managed the RAN Performance and Optimization of Multi-vendor (ZTE & Nokia) regions for Airtel Nigeria as the Team Lead for the UMTS network across North West, West, and Lagos regions, ensuring that contractual network KPI targets are exceeded under the managed service contract with Airtel Nigeria.

I managed routine network optimization activities to drive constant improvement of the network.

Qualiserve Group
Specialist Radio Network Optimization Engineer
February 2016 - December 2017 (1 year 11 months)
Lagos

End-to-end resolution of VIP/High Networth Customers complaints on Airtel NG network within agreed SLA timelines,
Site surveys & redesign, Field visits for analysis of peculiar problem areas for identification and resolution of technical installation faults on radio equipment, and the proffering of solutions based on analysis.
Highway route optimization. KPI Analysis, physical tuning, and report preparation based on customer complaints, cluster optimization, etc.

Airtel Nigeria
Network Performance Engineer
July 2015 - February 2016 (8 months)
Lagos

Reporting, monitoring, analysis of 2G/3G Key performance indicators for key business regions, Field visits to inspect/evaluate RF solutions deployed

by Airtel NG contractors, Evaluate vendor drive test reports, Support in co-ordination of contractual drive-test activities, POC tests for Airtel NG for drive test kits (Swissqual Free rider 3, AZQ 3.0).

LAPLACE TECHNOLOGIES LIMITED
Radio Network Optimization Engineer
January 2011 - June 2015 (4 years 6 months)
Lagos

Drive Test Team Lead, Customer Interfacing, Resolution of Customer complaints on Radio network. Drive test analysis and Reporting (Cluster drive test, Operator Benchmark, Single site verification etc.)

Mohinani Group
Help Desk Intern
August 2009 - December 2009 (5 months)
Ojota, Lagos, Nigeria

Windows Systems/Network Administration. Computer hardware and peripherals management.

Lopworks Limited
Industrial Trainee
November 2008 - December 2008 (2 months)
Marina, Lagos

Cisco Systems Network Consulting

Education

Nexford University
Master of Business Administration - MBA · (May 2023 - November 2024)

Obafemi Awolowo University
Bachelor of Science (BSc), Electronic and Electrical Engineering · (2005 - 2010)