

KIBUUKA FRED

Kitikifumba Cell, Kira Municipality, Kampala UGANDA

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PROFESSIONAL SUMMARY

A dedicated citizen with 6 years' experience in the Telecommunications sector. My area of practice has been mainly on ZTE and Huawei Equipment for 2G, 3G and LTE technologies. I have headed several projects in the Telecom sector. I have acted as a teaching assistant at Makerere University for 6 months, and look forward to further becoming a lecturer, to serve my country through education, research, and knowledge share.

Areas of interest are Research, knowledge share, project build and execution.

SKILLS

Telecoms	Academia	Electricity (Medium Voltage)
Team lead	Research	Projects

PROFESSIONAL EXPERIENCE

Kampala, Uganda

Radio Network Planning and Optimization Teal Lead (Currently) - Eastern Uganda, ZTE Uganda Ltd, Nov 2016 – To Date

I have served in this position, in Radio Network Planning and Optimization in charge of Eastern Uganda, on behalf of ZTE Uganda Ltd, in the MTN Uganda Managed Service project.

Roles:

- Drafting and presentation of weekly and Monthly Radio Network performance monitoring reports to MTN Uganda Limited for the Managed Service Project.
- Network Optimization and Parameter tuning for 2G, 3G (EDT, MDT and Azimuth tilts, Antenna Power adjustment, TRX Upgrades).
- Supervision of Sub Contractors and approval of their works, report preparation and presentation. Subcontractor documents sign off, after close of projects.
- Handling Modernization Projects as per request by MTN Uganda as the customer.
- Team lead; Tower Mounted Amplifier (TMA) Projects installation, KPI monitoring and report generation and presentation.
- Site build Projects, SSVs (Single Site Verification), Cluster drives, Parameter checks and general KPI checks
- Frequency planning, Capacity, and coverage site planning projects in Uganda.
- Drafting and presenting quarterly 2G/3G/4G cluster drive test reports and recommending network improvement strategies for Eastern/Northern Uganda sites to MTN.
- Attending to customer complaints, indoor DAS and Repeater installation testing and report writing.

Teaching Assistant, Department of Electrical and Computer Engineering, Makerere University. June 2015 – Nov 2016

- Course works and assignments preparation
- Teaching
- Aiding fourth year students in final year project supervision and report preparation
- Video tutorials

TRAINING AND INTERNSHIP UNDERTAKEN

Trainee: Civil Aviation Authority Uganda (Directorate of Air Navigation Services)

- Using Frequency Spectrum Analyzer, Oscilloscope, Multi-meters, and Power Meters for troubleshooting and maintenance of Aviation Equipment
- Knowledge on Communication Equipment and frequency ranges used for VHF and HF transceivers, TETRA Systems, VSAT equipment, Navigation Aids like Localizer, transmitters). Safety and firefighting skills training
- Knowledge on operation and maintenance of RADAR systems, their frequencies of operation and interference avoidance on various RADAR types; that is PSR, IFF RADARs, Surveillance systems like SSR and CCTV.

ACADEMIC BACKGROUND

- Bachelor of Science in Telecommunications Engineering, Makerere University, Kampala Uganda 2011-2015 (**Second Class - Upper Division**)
- Uganda Advanced Certificate of Education (UACE), London College of St. Lawrence, Maya Uganda 2009-2010 (**Division 1**)
- Uganda Certificate of Education (UCE), Entebbe Secondary School, Wakiso, Uganda 2005-2008(**Division 1**)

Certificates, training, and skills.

- Electrical installation Permit (Electrical Regulatory Authority, Uganda), Class C (up to 415V)
- Member Uganda Institute of Professional Engineers (UIPE)

REFEREES

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