

CURRICULUM VITAE (CV)

NATO DAVID EDWIN

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CAREER OBJECTIVE:

To seek challenging role in an engineering environment where my resourceful experience and academic skills will effectively improve the organizational operations.

PERSONAL STATEMENT:

I am an enthusiastic engineer, with the necessary drive and determination to provide solutions to challenges that affect the telecommunications industry.

PERSONAL DETAILS

GENDER	MALE
NATIONALITY	KENYAN
ID NUMBER	23028865
DATE OF BIRTH	21st JULY 1980
MARITAL STATUS	MARRIED
RELIGION	CHRISTIAN

EDUCATIONAL BACKGROUND

(Currently Pursuing)- (MSC) Masters in Telecommunications

JOMO KENYATTA OF AGRICULTURE & TECHNOLOGY (JKUAT)

(2011-2012)- (CCNA) Cisco Certified Network Associate

KENYATTA UNIVERSIT- CISCO NETWORKING ACADEMY

(2002-2007) – (BTECH) Electrical & Communications Engineering

MOI UNIVERSITY

(1998-2001) – Kenya Certificate of Secondary Education

DAGORETTI HIGH SCHOOL

Technical Director- -Endpoint Engineering Systems Ltd.

-P.O Box 16668 00100, Nairobi

-Railways Club-Uhuru Highway, Nairobi

PROFESSIONAL AFFILIATION

- | | |
|---|---|
| <input type="checkbox"/> Graduate Engineer: | Engineers Registration Board (KERB) |
| <input type="checkbox"/> Graduate Engineer: | Institute of Engineers of Kenya (IEK) |
| <input type="checkbox"/> Registered Engineer: | Telecommunications Technical Personnel (CAK) |

2014- To Date: TECHNICAL SUBCONTRACTOR FOR NAS TECHNICAL SERVICES LTD

- Subcontracted to carry out: Survey, Design, Installation of Microwave, Satellite, Fiber Optics works mainly from Liquid Telecom Ltd
- RFI analysis and Joint Surveys especially for Microwave and Wimax Base Stations major telecommunications operators such as: Liquid Telecom, MTN etc.
- Base Station Installations for Wimax, Wifi and GSM networks for mobile and ISP operators
- Fiber Optic Installation projects across the East African region for Mobile and ISPs
- Troubleshooting and Service restoration after a fault affecting Wimax, Microwave and Fiber optics links
- Project and Design and management for Wimax, Wi-Fi, Microwave and Fiber optics projects
- Develop technical Designs and Topology for ongoing and planned projects
- Formulating and developing project BOQ and project budgets for microwave, fiber and Wimax proposed sites
- Project documentation and Report writing

DEC 2013-DEC 2016: SENIOR ENGINEER TRANSPORT PLANNING & DESIGN-SAFARICOM LTD

Key Responsibilities:

- Conducting surveys for Microwave, 2G, 3G, 4G, Wimax, WIFI sites for mobile and enterprise sites or projects
- RFI inspections and site analysis in conjunction with regulatory institutions such as CAK
- Develop technical Designs, Topology, and Reports using technical tools such as Pathloss, Mapinfo, Googlemaps, Autocad, and Smartdraw
- Formulating Project plans, designs and developing Budget for fiber, microwave and Mobile transmission system
- Formulating and developing project BOQ and project budgets for microwave, fiber and wimax proposed sites
- Conduct Project review and evaluation meetings
- Project management and Site commissioning exercises
- Managing Databases for the microwave network management system, client services etc.
- Delivery of quality and reliable network transport plans as per the project design and schedule with the correct constraints (capacity thresholds, latencies and power levels).
- Compilation and supervision of quality microwave and fiber infrastructure plans to meet current as well long term business demands.
- Accurate fiber and microwave survey reports and implementation plans that meet timely implementation schedules.
- Development of optimal network Designs that save on CAPEX and NOPEX
- Plan, Raise and execute works orders that will ensure minimal or zero impact to active services at the cost effective way.

- Constantly Monitor, analyze and recommend improvement on network performance

**May 2012-DEC 2013-SENIOR ENGINEER- CUSTOMER SUPPORT ENGINEER
(LIQUID TELCOM KENYA)**

Key Responsibilities:

- IP/MPLS network elements design and configuration; Core Routers, Distribution and access Switches
- Carry out maintenance and upgrades on all system services software and hardware
- Maintaining constant communication with both internal/external customers during
- Designing and implementing robust fiber network with strong redundancy
- Network fault resolution and improving network design
- Attending service level improving meetings and other crisis meeting
- Liaising with vendors in deploying, upgrading or troubleshooting network elements/systems
- Ensuring Core network elements availability is 99.99%
- Monitoring key network thresholds to ensure integrity and optimum availability
- Developing, updating and Maintaining network diagrams
- Carrying out training to colleagues and other departments
- Developing weekly and monthly network reports.
- Generating weekly and monthly reports on all work done and performance of gateways and systems under this responsibility

**(March 2008-April 2012) OPERATIONAL ENGINEER (NETWORK MONITORING
CENTER NMC) (KDN)**

Key Responsibilities:

- Proactive monitoring of network nodes under SDH and IPMPLS
- 1st level fault troubleshooting of any alarm on the network with an aim of identifying the source and cause.
- Ensuring effective network monitoring and proactive network operations
- Ensuring monitoring tools are properly working and updated.
- Provide back office support to field operations and maintenance teams.
- Creating daily network reports in order to analyze network performance and improve quality of service.

PROFESSIONAL TRAINING & CERTIFICATION

- NQMS Network Quality and Management System
- Viscar Fiber Technology, SDH, DWDM, GPON Training
- (CCNA): KU CISCO Networking Academy
- Alcatel Lucent: Certificate in SDH and DWDM 1678
- RADWIN; Radwin and Winlink
- Alvarion Training; Wimax, Breezelite and Virtual Lans (VL)
- Safaricom NPS Project- Hangzhou China

ADDITIONAL SKILLS & KNOWLEDGE

- Pathloss, MapInfo
- Microsoft office and Linux operating systems
- AUTOCAD/ACHICAD; Mapinfo & GOOGLE Maps
- BCE Driving License

REFEREES

1. Philip Keya

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NAS Technical Ltd.
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