

JAMES MWITA OKECH

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CAREER OBJECTIVE

To get a professional position in a well reputable organization, where I can utilize my professional and educational experience, where I can learn, seek and apply my knowledge in the Telecommunication and Networking departments.

EDUCATION

2007 – 2008: MSc. Electronics Engineering (*Spec. Telecom.*)

F'SATIE - Ecole Superieure d'Ingenieurs en Electronique et Electrotechnique (ESIEE), Paris, France.

Courses: Digital Communications, Fixed and Mobile Networks, High Frequency, Signal Theory, Scientific Computing, Embedded Systems, Digital Signal processing, Management, Research Methodology and French Language Skills.

2007 – 2008: MTech. Electrical Engineering (*Spec. Telecom.*)

Tshwane University of Technology, Pretoria, South Africa.

Project: Enhancing VoIP Capacity in Wireless Mesh Networks (WMNs).

Research Output: The research has produced four papers accepted for publication in Local and International Conferences (SATNAC 2008, WCITD 2008, NTMS 2008 and BROADCOM 2008). Two papers (in SATNAC 2008 and WCITD 2008) are already presented in presence of Telecom professionals from industry and academia.

1998-2002: BSc. Computer Science and Engineering (*Engineering Major*).

Maseno University, Maseno, Kenya.

Projects: (1) Development of a network with three VLANs for different departments using switches and (2) Networking of computer lab for mathematics department.

Major Courses: Special Topics in Computer Engineering, Data Communication, Computer Networks, Internet Computing, Fibre Optics Theory & Applications and Computer Architecture.

Grade: 2ND class Honours (*Upper Division*).

1993 -1996: Kenya Certificate of Secondary Education (*KCSE*).

Mariwa Mixed Secondary School, Kenya.

Main Courses: English, Mathematics, Physics and Commerce.

Grade: B (*Plain*).

1985 -1992: Kenya Certificate of Primary Education (*KCPE*).

Ndonyo Mixed Primary School, Kenya.

Grade: 474 marks out of 700.

ADDITIONAL TRAININGS

2004: Diploma in Advanced Network Administration.

InfoTech Training Centre, Nairobi, Kenya.

Details: Configurations of telecommunication equipments (Routers, Switches, Modems, Bridges, Gateways); Network Security and IP Networking.

2006: CCNA Modules 1-4.

Cisco Academy (through Maseno University Centre).

CARREER TRACK

TSHWANE UNIVERSITY, SOUTH AFRICA.

01/2007 – 10/2008: Student Assistant.

Assist lecturers in administering tests on Engineering Science, Electronics I, Electronics II and Programming I courses.

MASENO UNIVERSITY, KENYA.

06/2005 – 12/2006: Demonstrator/Support Technician.

Serviced and supported onsite and via telephone, the university's IP network and applications; Collaborate with staffs and students in troubleshooting

hardware/software defects as well as performing general upgrades; Providing technical teams with recommendations for resolving issues discovered in the field; Ensure staff and student satisfaction with equipments and systems; Coordinate hardware and software lab activities and Maintenance of inventory.

OSHWAL COLLEGE, KENYA.

01/2004 – 05/2005: Systems Administrator/ICT Lecturer.

Troubleshoots network and telecommunications systems to identify and resolve hardware and software issues; Provide technical, system design and consulting services; Offer training in Mathematics, Electronics and Computers covering topics such as Data communication; Programming; Computer Hardware and Financial & Quantitative Analysis.

THE ASSOCIATION OF PEOPLE LIVING WITH AIDS IN KENYA (TAPWAK).

09/2002 – 12/2006: Volunteer (Program Officer and ICT Consultant).

Train staffs on ICT; Implement and maintain existing computer network; Collaborate with program officer and accountant in development of strategic plans and budgets.

LANGUAGES

English: Written and spoken.

French: Basic skills.

Kiswahili: Written and spoken.

Dholuo: Written and spoken.

ENGINEERING APPLICATIONS

MATALAB; Network Simulator Version 2 (NS-2); MS Visio; Electronic Work Bench; Tems and Programming (Awk, C, C++, Perl, Pascal).

SUMMARY OF QUALIFICATIONS

Posses more than six years of experience performing implementation and engineering services; including installation, testing, troubleshooting, project management, training and technical support of telecommunication networks and equipments. The background includes telecommunication technical support and training, proposal development, effective educator with proven abilities in training and presenting technical seminars. Expertise encompass: IP Networking, Technical support and Programming in Linux and Windows environment.

REFEREES

Ms. Millicent a. Adipo.

Systems Administrator,

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Mr. Anish Kurien.

Senior Lecturer, Tshwane University of Technology.

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Prof. Mjumo Mzyece.

Professor, Tshwane University of Technology.

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Prof. Johnson Agbinya.

Alcatel-Lucent Professor of Telecommunications.

F'SATIE (Alcatel-Lucent Centre for Content Development).

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