

James Mwita Okech

:: PERSONAL INFORMATION ::

Birth Date	02 January 1979
Gender	Male
Nationality	Kenyan
Current Residence	Nairobi
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**AVAILABLE
IMMEDIATELY**

:: CAREER OBJECTIVE ::

To occupy a challenging position in a reputable company or institution as deemed fit with my skills, education and background so as to help in facilitating the organization's business growth while also preparing me to take on greater responsibilities.

:: QUALIFICATIONS SUMMARY ::

- 5+ years of experience in ICT and business field with expertise in both technical solutions and technical project management.
- Dedicated, hard working individual with the intercommunications skills to work at all levels of the organization.
- Exceptional abilities in project design and management with the organizational and supervisory skills to ensure success.
- Outstanding motivator and builder of teams. Works well in both team environments and individual assignment.
- Successful in meeting new technical challenges and findings to meet the needs of the customer.
- Track record of improving processes, generating revenue streams, and driving business growth.
- Computer Engineering degree with an MSc. in Telecommunication Engineering and a Cisco certification

:: EDUCATION / TRAINING ::

Year	Institution	Level	Course	Specialization	Grade
2009	Ecole Supérieure d'Ingénieurs En Electronique Et Electrotechnique (ESIEE) – Paris	MSc by Course work	Electronic Engineering	Telecommunication	Pass
2009	Tshwane University of Technology	MTech by Research	Electrical Engineering	Telecommunication	Pass
2002	Maseno University	BSc	Computer Science & Engineering	Computer Engineering	2 nd Class Upper
1996	Mariwa Mixed Secondary School	Secondary	Kenya Certificate of Secondary Education (KCSE)	Secondary Education	B (Plain)
1992	Ndonyo Primary School	Primary	Kenya Certificate of Primary Education (KCPE)	Primary Education	474/700

:: EMPLOYMENT HISTORY ::

Feb 2009 – Today **MasterSpace Solutions**
ICT Consultant
Duties & Responsibilities

- Responsible for designing technical solutions based on clients request and demands.
- Responsible for making large and small decisions to control risk and uncertainty in order to benefit different client projects.
- Responsible for advising clients on aspects of security, data management and system management.
- Website design including advising on choice of hosting company, installing Linux LAMP, Mailserver and day to day administration.
- Linux system administration including planning and development of FTP, DNS, Mail server and Webserver.

Jan
2007 – **Tshwane University of Technology**
Dec
2008 ***Research Assistant***
Duties & Responsibilities

- Assisting in administration of course work in Telecommunication, Electronics, Engineering Science & Programming courses to undergraduates
- Conducting research in Telecommunication Engineering, field of wireless networks and Fiber Technology.
- Writing and presenting technical papers in conferences.

June
2005 – **Maseno University,**
Dec
2006 ***Network Engineer/ Technical Projects Manager***
Duties & Responsibilities

- Team leader for technical services.
- Advising management on procurement of computer equipments
- Responsible for leading all new ICT development projects for the university.
- Develop a test plan and oversee testing of all new applications and application enhancements
- Developing a training system to teach non-technical staff on emailing system.
- Creating and maintaining system documentation.
- Providing PC support within the ICT center and within the university.
- Maintaining the university LAN/WAN.

Key Projects:

- Development of a University WAN network with its two campuses linked via fiber optics.
- Procurement of PCs for 3 labs for the ICT center (project costing over 12 million Kenya shillings).
- Design and development of the LANs for the 3 labs, procuring equipments and supervising the implementation of the design for the 3 labs (over Ksh 6 million).
- Helped provide a migration strategy from the Windows Mailserver to the new Postfix Mailserver.

Jan 2003 – May 2005
Oshwal College
Systems Administrator
Duties & Responsibilities

- Responsible for leading the implementation of all new ICT development projects for the college.
- Oversaw networking and system infrastructure.
- Directed IT activities and spearheaded an IT team.
- Maintaining the college LAN/WAN.
- Administration of the college Mailserver, Webserver and DNS.

Key Projects:

- Oshwal College LAN/WAN upgrade in 2004 (Budget of over Ksh 4 million).

August 2002 - Dec 2002
The Association of People Living With Aids in Kenya (TAPWAK)
Volunteer
Duties & Responsibilities

- Assisting program officer in training HIV/AIDS patients.
- ICT support and Maintenance for the whole organization.
- Training staffs and various users in ICT applications.

Key Projects:

- Training of HIV/AIDS Patients in Siaya (2003) on positive living through TAPWAK.

:: PROFESSIONAL QUALIFICATION ::

2008 **Qualification Type:** Beginners French Language Skills.
Name Of Institution: Alliance Française de Pretoria.

2007 **Qualification Type:** Research Methodology.
Name Of Institution: Tshwane University of Technology.

2006 **Qualification Type:** Cisco Certified Network Associate (CCNA).
Name Of Institution: Cisco Academy.

2004 **Qualification Type:** Advanced Network Administration.
Name Of Institution: Infotech Training Center.

:: PUBLICATIONS ::

Enhancing VoIP Capacity in Wireless Mesh Networks. - Masters Dissertation

Enforcing LAN security through VLANs. - Undergraduate Research Project

A Cross-Layer Adaptation for VoIP over Infrastructure Mesh Networks. – BROADCOM, 2008.

A Dynamic Packet Aggregation Scheme for VoIP in Wireless Mesh Networks. – SATNAC, 2008.

Increasing Supported VoIP Flows in WMNs through Link-Based aggregation. – IJICTE Journal, 2009.

:: LANGUAGES ::

Language	Oral	Written
Swahili	Advanced	Advanced
English	Advanced	Advanced
Dholuo	Native	Native
French	Beginner	Beginner

:: REFERENCES::

Name	Position & Organization	Contacts
Anish Kurien	Senior Lecturer, Tshwane University of Technology	+27834129796 kurienam@tut.ac.za
Lawi Osoo	Systems Administrator, Maseno University	+254722914837 osoolawi@gmail.com
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