

CURRICULUM VITAE

PATRICK KIPTANUI SANG
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CAREER OBJECTIVE

To be a Team Leader with hand-on skills of my in-depth 10+ years of experience in Management of Projects, Systems and Network administration for better efficiency in Managing and use ICT infrastructure

KEY SKILLS AND COMPETENCIES

Leadership;

- ❖ Manager: Systems Administration Section County Government of Uasin Gishu for 2 years.
- ❖ Project Lead and Advisor: Mumetet Community Based Organization, Mumetet Sacco since 2019 to date.
- ❖ Board Chair: Lorwa Secondary School since January 2023 to December 2024.
- ❖ Director: Ibuka Technologies Limited from January 2019 to December 2014.

Technical Skills;

- ❖ Maintenance and Management of Data Centre in Access Control, Intrusion detection, resource optimization and network administration.
- ❖ Setting up and configuration of fully secure working LAN and WAN using Server, Routers, Switches and P2P, wireless and Access point
- ❖ Network and system security management: firewalls, corporate anti-virus, SSL certificates and role-based system access.
- ❖ Management of systems: All Business Applications in institutions by system logs check, troubleshooting and monitoring system and performance.
- ❖ Installation of new servers and upgrade of in-place servers i.e. Blade Servers, web servers, file servers and application servers
- ❖ Experience of Virtualization Technology. VMWare, Hyper-V, Windows Server 2016, AD Group Policies, TCP/IP, DNS, IPsec
- ❖ Configuration and Administration of Cisco firewalls, Cyberoam, VMWare, Hyper-V, Windows Server 2016, AD Group Policies, TCP/IP, DNS, IPsec.
- ❖ Assigning passwords and suspension user accounts on AD domains.
- ❖ Data recovery, system backups and restoration
- ❖ Administration of Email System i.e. Google Apps for Education.

- ❖ Software Development with HTML5, CSS, JavaScript, PHP, SQL and Coding Frameworks (Laravel, Codeigniter, Joomla, WordPress and Cantao)
- ❖ Database Administrator –MySQL
- ❖ Building, installation and upgrading of Hatch-set Microcontrollers and incubators.
- ❖ Training new system users and preparing system manuals

ACADEMIC INFORMATION

- ❖ University of Eldoret
2012 - 2014: **Bachelor of Computer science
Second Class (Upper Division)**
- ❖ Mombasa Polytechnic University College
2009 - 2011: **Higher Diploma in Computer science (Credit)**
- ❖ Regions Group International
2006: **Certificate in NGO Management (Credit)**
- ❖ Eldoret Polytechnic
2003 - 2005: **Diploma in Computer Studies (Pass)**
- ❖ Ngeria Secondary School
1998 – 2001: Kenya Certificate of Secondary Education
(Mean Grade B- Minus)

CERTIFICATION AND TRAINING

CCNA, Cisco Certification (Technical University Mombasa), ISO 2008 and 27001, Information Security Management, Gender Awareness in Workplace.

WORKING EXPERIENCE AND INTERNSHIP

1st March 2019 to Date - Ibuka Farm Technologies / Mumetet CBO

Lead Tech/Director

Key Contributions

- ❖ Project leader and advisor of Mumetet C.B.O on matters of leadership and executive decisions.
- ❖ Installation and upgrade of microcontrollers for Hatching Solutions.
- ❖ Repair and maintenance of Computer systems.
- ❖ Configuration and installation of intranet to institution.
- ❖ Acquisition and installation of access security control systems: door key cards, access lock grills, CCTVs and Biometrics access systems.
- ❖ Training of users on Use of ICT products.

1st November 2016 to 31st December 2019 – County Government of Uasin Gishu

Systems Administrator

Key Contributions

- ❖ Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled incremental backups.
- ❖ Perform regular security monitoring to identify and prevent any possible intrusions
- ❖ Perform daily backup operations, ensuring all required file systems and system data are successfully backed up to the appropriate media.
- ❖ Maintenance of all application servers hosting the applications: Mail, Biometric time & Attendance, website, Revenue, County Hospitals management system, Intranet, IFMIS,
- ❖ Perform regular file archival and purge of all systems.
- ❖ Create, change, and delete user accounts as per approved as per ICT policies and procedures.
- ❖ Repair and recover from hardware or software failures.
- ❖ Upgrade and configure systems and coordinate the deployment of software that supports infrastructure applications or operational needs.
- ❖ Perform performance tuning, hardware upgrades, and resource optimization as required.
- ❖ Responsible for the administration of the County's intranet.
- ❖ Management of the county data centre.

1st October 2014 to 1st November 2016 - Kenyatta University

ICT Systems Administrator/Developer

Key Contributions

- ❖ Integration of SAGE and E-Campus system for tracking and monitoring the stocks, transactions and revenues for University restaurants and Mess
- ❖ Implementation of Time and Attendance System for access control and clocking in at Kenyatta University.
- ❖ Implementation of Workflow system for automation of Leave and imprest application and processing
- ❖ Implementation of Core Advance Iris system for Cashless transactions at Kenyatta University Point of sales
- ❖ Development of Graduate School system, Gown management system, Google Apps, Hostel Allocation system and maintenance of Fleet Management System Pro and ICT Website.
- ❖ Development of password provisioning system for Eduroam wireless access Points.
- ❖ Installation and administration of University Anti-virus
- ❖ Member of ICT Quality Assurance Board.

1st February 2012 to 1st October 2014 – Uasin Gishu High school – Eldoret

Teacher/Technician/Webmaster

Key contributions

- ❖ Teaching Computer studies and Mathematics, Class Teacher Form Two 2013 and School sports Committee, Leo Club Patron.
- ❖ Troubleshooting, repair and maintenance of micro-computers and accessories
- ❖ Managing user accounts for staff and students accessing network resources.

- ❖ User support and Training.
- ❖ Design, development and maintenance of School website.

1st May 2006 to 14th February 2009 - Ineet Studios & Computer Graphics

Technical support/Graphic Designer/Printer

Key Contributions

- ❖ Troubleshooting, repair and maintenance of micro-computers, Print Control system Boards and Print lab accessories.
- ❖ Approving and printing digital prints
- ❖ Professional photography and Video Editing.
- ❖ Designing blueprint templates using (Corel Draw, Photoshop).
- ❖ Marketing of Services.

1st September 2004 to 30th November 2004 Export processing zones Authority

Internship

Duties

- ❖ Work on internship as data entry clerk.
- ❖ Technician

PERSONAL INTERESTS AND HOBBIES

Creativity and Volunteering, Community work, Traveling and Football

PERSONAL CORE VALUES

Team player, Honest, Results Oriented and Tolerance.

REFEREES

Mr.Daniel Kendagor,
Director Commercial Services/Private Wing,
Moi Teaching and Referral Hospital,
P.O Box 3 –30100,
Eldoret
Cell Phone: 0723435665

Ms. Sofie Muthoni,
ICT Systems Manager, Kenyatta University
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Mr. Gideon Kipchumba
Head Systems Administration Section– Uasin Gishu County
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