

Miningwa Paul Kibet

Information Technology Professional.

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EXPERIENCE

Kenya Revenue Authority, ICT Systems and Data Management – Senior ICT Officer – Database Administration.

2018 – To Date:

Designing Business Continuity Planning (BCP) and High Availability (HA) solutions for critical systems.

Ensuring Conformance to ISO 27001 for databases and data integrity.

Database administration and support lifecycle including backup/recovery automation/and maintenance.

Supporting the development, system test, user acceptance, training, and production database environments.

Ensure optimal performance of all systems maintained conforming to the SLA agreements between business and Quality Assurance.

Ensure 99.99% availability maintained for all critical databases.

Performance Tuning and Capacity Planning for Enterprise Database Systems
Oracle 11g, Microsoft SQL Server, PostgreSQL and SAP ERP.

Kenya Revenue Authority, ICT Systems and Data Management – Officer – Systems Administration.

2016 – 2017:

Systems setup and configuration, deployments and upgrades, Ensuring enterprise-wide system backup solutions are in place, operationalizing QMS standards (ISO 9001:2015 and ISO 27001:2013), Password Policies and OS patching, server virtualization (VDI), Active Directory Administration, SAN Storage Management & Hardware Upgrades- Switches, Routers, Load Balancers and Firewalls.

Skills

Operating Systems

RHEL 7, SLES 12, CentOS,
Oracle Linux, MS Windows
Server 2016.

Database

MySQL 5.7, Maria DB,
Microsoft SQL Server 2016,
SAP High Availability
Analytics Appliance.

Oracle Technologies

Oracle 12c DBMS.

Oracle Siebel CRM

Oracle Enterprise Linux.

Devops

Apache Tomcat.

Red Hat JBoss App. Server,
Microsoft IIS, IBM
WebSphere vMware EXSi &
vCenter.

Kubernetes Containerization
for Docker.

Advanced Analytics Systems

SAP High Availability
Analytics Appliance.

Jaspersoft System.

IDEA Data Analytics.

Kenya Revenue Authority, ICT Service Delivery – Officer – Systems Analyst.

September 2014 – May 2016:

Technical assistance during system development, analysis on functional development of systems, User Training and Support, Systems Technical Support Development, ICT Project Technical Support.

Kenya Revenue Authority, ICT Systems and Data Management – Officer - Systems Service Monitoring.

September 2011 – August 2014:

Identifying monitored components, Configuring services to Monitoring Tools – Cacti Graphing , Nagios Monitoring System, IBM Tivoli ITCAM, Incident and availability report writing, root cause & trend analysis and problem management, writing scripts for checking resource utilization thresholds, designing escalation procedures as per SLAs, Proactive Monitoring of all KRA systems and services.

Linux Professional Institute – Linux Systems Administration Trainer

January 2013 – December 2016

SuSE Enterprise Linux 11, CentOS 6, RHEL7, Oracle Linux 7 & MySQL Database Administration.

Kenya Airports Authority – ICT Support Intern

April 2010 – June 2010

Lotus Mail Support, Networking, User Support, OS and Antivirus Installation, Setting up print servers.

Equity Group Foundation – Financial Literacy Training for the Youth

December 2010:

Negotiations, Bank Services, Debt Management, Budgeting and Savings.

Kenyatta University / Equity Bank – Students' Community Service Programme

July 2010 – August 2010:

HIV/AIDS Awareness & Management, Drugs & Substance Abuse Awareness, Peace building and conflict resolutions, Financial and Entrepreneurial Skills.

Programming Languages

Python, R, PHP, HTML & CSS, Javascript & Java

Management

Transformation Leadership,

Change Management.

Public Speaking & Communication.

Training & Certifications

CCNA, NCLA, LPIC-1, ITIL, Cisco MPLS, Check Point Certified Security Associate (CCSA), Huawei HCIA Routing & Switching, WSO2 Enterprise Service Bus (ESB) & Enterprise Applications Integration (EAI), MySQL Database Administration, MS SharePoint DMS & SAP ERP system.

Leadership Roles

June 2018 to Date:
Transformation Agenda
Champion – KRA ICT
Department.

April 2018 – To Date: Vice
President – Mombasa Road
Toastmasters Club.

Languages

English

Kiswahili

Sabaot.

ACHIEVEMENTS

Migration of support systems to the New Data Centre:

Migrated the Support Department systems to the primary sites within the time allocated.

Implementing of ISO 27001:2013 and ISO 9001:2015 audit recommendation on KRA systems –

Blocking of Ports, Operating Systems Patching and upgrades and averted being victims of Wanna-Cry Ransom ware.

Implemented Active Directory Self Service Manage Engine –

Implemented Active Directory Self Service Manage Engine to enable KRA staff self-reset their domain account credentials.

Implemented Integrated Board Management System (i-Board) and iLaw Systems:

Implemented iBoard system to handle KRA Board of directors plan and carry out their meetings effectively and iLaw for use by Legal and Board Co-ordination Department for litigation and Alternate Dispute Resolution (ADR).

Implemented Kenya Revenue Authority Corporate Intranet (KRA Hub) and Corporate Website:

Implemented KRA Hub and Corporate Website for using by KRA Marketing Department in Internal and external communication respectively.

Represented ICT Division in the Organization-Wide Transformation Agenda:

Initiated and facilitated discussions on transformation in meetings within ICT Department.

Kenya Revenue Authority / Postal Corporation of Kenya integration project implementation member.

Project implementation IT Systems advisory and support.

Application Programming Interface (API) for Digital Transformation.

Organization for Economic Co-operation and Development (OECD) / Kenya Revenue Authority / Inland Revenue Authority of Singapore (IRAS) / Australian Taxation Office (ATO) Project IT Support.

Soft Skills

Leading Teams.

Public Speaking.

Problem Solving

Hobbies

Photography.

Reading Journals.

Travelling.

Memberships

ISACA.

Project Management Institute (PMI).

Computer Society of Kenya (CSK).

KEBS Standards Committee on ICT Services and Governance.

Simba Toastmasters Club.

EDUCATION

Strathmore University – *M.Sc. Information Technology – Business Intelligence and Data Analytics.*

AUGUST 2019- JUNE 2021

Project Management in Information Technology, Business Ethics and IT Governance, Business Intelligence and Data Analytics and Strategic Management in IT.

Kenyatta University – *B.Sc. Telecommunication and Information Technology*

AUGUST 2007- DECEMBER 2011

Radio-Frequency, Networking, Digital Communication, Structured Programming and Object Oriented Programming Methodologies.

Second Class Honors Upper Division.

Moi High School Kabarak - *Kenya Certificate of Secondary Education (KCSE)*

FEBRUARY 2002 - NOVEMBER 2005

Majored in Sciences – Mathematics, Physics, Biology and Chemistry.

A Minus Grade.

Cheptikit Academy - *Kenya Certificate of Primary Education (KCPE)*

JANUARY 1994 - NOVEMBER 2001

401 / 500 Marks.

OTHER TRAINING QUALIFICATIONS

Introduction to Python for Data Science Certificate – Strathmore University

Python for Data Science, Data Visualization, Introduction to Machine Learning.

Data Science Certification – Pathways International

Business Intelligence & Data Science, Data management best practices, Organizational Performance, Applied Machine Learning and Artificial Intelligence for Business.

MySQL Database Administration – Institute of Software Technologies.

MySQL Performance Tuning, Database backups, functions, triggers and sequences in MySQL.

Referees

Kemei Kirwa,
Assistant Manager – Systems
and Data Management
Kenya Revenue Authority,
P.O. Box 48240 – 00100,
NAIROBI.
254 720 077 852.
Kemei.Kirwa@kra.go.ke.

Venant Mwakio,
Assistant Manager,
ICT – Service Delivery,
Kenya Revenue Authority,
P.O. Box 48240 – 00100,
NAIROBI.
254 722 308 193.
Venant.Mwakio@kra.go.ke.

Jevans Omenge,
Product Manager – IP and
Managed Services,
Telkom Kenya,
P.O. Box 30301,
NAIROBI.
254 722 441 406.
jevanceomonge@gmail.com

Wso2 Enterprise Service Bus

Micro services and APIs with Wso2.

Huawei Certified Network Associate – Technobrain Limited

Huawei Routing and Switching.

Kaspersky Server Administration – Ariel Technologies Limited,

Antivirus deployment, Protection Management, End-Point Control and Maintenance.

ACK St. Barnabas Church – John C. Maxwell Leadership Training

Leading teams, conflict resolution and communication skills.

IBM Tivoli Change Configuration Management Database – Trans Business Machines (TBM)

IBM Tivoli CCMDB Overview, IBM Tivoli CCMDB components and operational model, IBM Tivoli CCMDB Security Architecture, TADDM and Process Layer Integration. IBM CCMDB Planning and Installation.

SAP ERP Plant Maintenance– Alttab Africa Limited,

Capital Equipment and Systems Inspection, Systems Corrective and Preventive maintenance and Repair of systems and equipment.

Cisco Multi-Protocol Label Switching (MPLS) – Technobrain Limited

VPN tunneling on ISP network, High Performance packet forwarding using layer 2 protocol, Integrated performance and traffic management.

Check Point Certified Security Administrator – Technobrain Limited

Monitoring network traffic, Network Address Translation (NAT), User Identity Management, Smart Dashboard and Smart Update to configure web and gateway servers, traffic rules and policies on the enterprise network.

ITIL v3 – AFRALTI

Service Delivery, Service Design, Service Transition, Service Operation and Continual Service Improvement.

Knowledge For Life (K4Life) – Seven Seas Technologies Limited

Project Management, Network Essentials, Business Applications, Data Centre Solutions, Network Security Solutions, System Application & Products and Network Operations Centre (NOC) Management.

WORKSHOPS ATTENDED

Oct 2019: Joomla Day Kenya – iHub Nairobi Kenya.

Joomla 4 on Ubuntu 18 LTS – **Keynote Speaker.**

Aug 2019: East Africa Conference on Open Source – USIU, Nairobi Kenya.

Open Source Uptake in Government presentation – **Keynote Speaker.**

May 2019: Computer Society of Kenya – Bamburi Beach Hotel, Mombasa

Advanced Data Recovery and Business Continuity.

Sept 2017: SAP License Management – Alttab Africa Limited

Package Licenses, Perpetual License, Subscription-based License Maintenance and Support, SAP Business Suite, SAP HANA, SAP NetWeaver, Policy on Indirect Access, Licensing Integrated Infrastructure.

2015: Oracle Open World Event - Oracle Exadata, Engineered to work together– Intercontinental Hotel, Nairobi.

Dec 2014: Train the Trainer Workshop – T-Voli Africa

Presentation Skills, Management of Adult Learning, Facilitation Skills and Effective Training Environment.

Oct 2014: IBM Maximo Smart Cloud Control Desk (SCCD) – Trans Business Machines (TBM)

Problem reporting, tracking and resolving user problems, Policy based automation of job plans and task assignment, Advanced reporting & Analytics.