MWANGI JOSPHAT KARANJA

NETWORK ADMINISTRATOR||SOFTWARE DESIGNER||WEB DEVELOPER||GRAPHICS DESIGNER||VIDEO GAME DEVELOPER & IT SUPPORT SPECIALIST

PROFILE

Highly experienced and credentialed IT specialist with expertise in system administration, network security administration, web development, light-weight system development, graphics design and, and software development. Proven track record of successfully managing complex IT projects, enhancing system efficiency, and strengthening cybersecurity. Skilled in issue solving and providing exceptional technical support. Committed to remaining up to date on technical breakthroughs that will generate innovation and strategic solutions.

CONTACTS

📞 0714500555

✉ jkarranja@gmail.com

Linked in www.linkedin.com/CAPTAIN KA RANJA

LANGUAGES

- ➤ **Swahili** – Native
- ➤ **English** – Native

EDUCATION BACKGROUND

2021-2025
BORABU TECHNICAL TRAINING INSTITUTE
DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY
GRADE -SECOND CLASS UPPER DIVISION

2017-2021
GITHIGA BOYS HIGH SCHOOL

KENYA CERTIFICATE OF SECONDARY EDUCATION.
GRADE ACHIEVED: B-

2012-2017
NGEWE PRIMARY SCHOOL
KENYA CERTIFICATE OF PRIMARY EDUCATION
MARKS SCORES:351

EXPERIENCE

1. **THE NATIONAL TREASURY**
   STATE DEPARTMENT FOR ECONOMIC PLANNING
   ROLE: ICT OFFICER, ATTACHMENT 1
   23RD DEC 2022 TO DATE 23RD NOV 2022

   ## TASKS

   ➢ **Monitoring and Performance Evaluation of Integrated Financial Management Information System (IFMIS)-** Actively monitored the performance and functionality of the IFMIS to ensure the seamless processing of financial transactions within government institutions. Regularly analyzed system logs, identified performance bottlenecks, and collaborated with stakeholders to implement necessary improvements.

   ➢ **Pilot Implementation of a New Management Information System (MIS)-** Took part in testing and pilot implementation of a new Management Information System (MIS) to streamline reporting and enhance decision-making processes across government departments. Ensured that pilot projects met performance standards and provided detailed feedback for system optimization.

   ➢ **User Training and Capacity Building on Financial Management Systems-** Developed and conducted training sessions for government officials and other users on the effective use of the IFMIS and new MIS tools. Produced user manuals, FAQs, and troubleshooting guides to ensure proper system adoption and minimize operational disruptions.

   ➢ **System Upgrade and Patch Management-** Coordinated and supported the process of upgrading existing application software and operating system on computers by applying patches, installing new releases, and ensuring smooth transitions. Managed system backups and restoration processes to mitigate risks associated with system downtimes.

   ➢ **Technical Support and Issue Resolution for Financial Systems-** Provided technical support to end-users within the government, resolving system-related issues, troubleshooting errors, and offering timely solutions. Monitored user complaints and worked with the development team to implement system updates and fixes based on user feedback.

- ➢ **General ICT Support and Data Entry-**Provided essential ICT support for day-to-day operations, including accurate data entry into financial and administrative systems. Ensured that all entered data met accuracy and consistency standards, contributing to reliable reporting and informed decision-making.

- ➢ **Antivirus Installation and System Security Monitoring-**Installed and maintained antivirus software across all ICT equipment to ensure that systems remained secure from cyber threats. Monitored antivirus logs, ran routine system scans, and worked with the cybersecurity team to address potential security vulnerabilities in a timely manner.

- ➢ **Issuance and Requisition of ICT Equipment-** As part of ICT team, we managed the requisition and distribution of ICT hardware and software, including computers, printers, and networking devices. Ensured that employees had the tools they needed to perform their roles effectively, and kept accurate records of equipment issued and returned for inventory control.

- ➢ **Preparation and Monitoring of Meetings and ICT-Related Activities-**Coordinated and prepared materials for ICT-related meetings, ensuring that all logistical arrangements were made, including video conferencing setups, document preparation, and room bookings. Monitored meeting outcomes and action items, providing timely follow-ups to ensure the effective implementation of decisions made.

2.MINISTRY OF EAST AFRICAN COMMUNITY (EAC), ASALs AND REGIONAL DEVELOPMENT.
 STATE DEPARTMENT FOR EAST AFRICAN COMMUNITY AFFAIRS
 ROLE: ICT OFFICER, ATTACHEMENT 2
 23RD SEPTEMBER – 23RD DECEMBER 2024

TASKS
- ✓ **Network and System Infrastructure Upgrade -**Upgraded the organization's LAN with the help of Dimension Data from 70mbps to over 110mbps speeds infrastructure to improve performance, scalability, and reliability and provided support for over 200 employees.
- ✓ **Wireless Network Optimization-**Improved the performance and coverage of the organization's network by adjusting access point (AP) placement, configure channels, and optimize power setting using PoE's
- ✓ **East African Community Non-Tariff Barrier Reporting and Monitoring System-**Participated in a workshop that came with a system which will **r**esolve the issues of NTBs in the 8 states in EAC through the 8 states in EAC. The system is called Non-Tariff Barriers Reporting and Monitoring System
- ✓ **Provided Network and Peripheral support-**This Included Router management, System Configuration and Maintenance, Software and Hardware Upgrades, Cable Management, Documentation Support and Printer Troubleshooting.

TECHNICAL SKILLS AND ABILITIES

➢ Network Administration: Able to handle LAN/WAN, set up switches and routers, and maintain network security.
➢ Technical Support: Proficient in remotely and on-site troubleshooting hardware, software, and network issues. (Using Anydesk and Tiemviewer for remote Configurations)
➢ Operating Systems: Proficient in the installation, configuration, and upkeep of Windows, and Linux.
➢ Network Security: Capable of setting up VPNs, managing firewalls, and putting security protocols like IDS/IPS into practice.
➢ Hardware Setup & Maintenance: Proficiency in setting up, fixing, and looking after network, desktop, and laptop computers.
➢ Web Development: Node.js, Laravel, PHP, Flask, Django, Python, (Backend); HTML, CSS, JavaScript (Front-End)
➢ Graphic Design Skills (Adobe Photoshop, Photo Room, LightRoom, Canva).

AWARDS AND ACHIVEMENTS

➢ ISC2 certification in cybersecurity.
➢ IBM certification in cloud computing.
➢ IBM certification in cybersecurity.
➢ ICT Authority certification in Cybersecurity and Emerging Technologies Training.
➢ Get Connected Cisco Certificate
➢ Participated in Africa connected Summit.
➢ Participated in East-Africa Sub-Regional Forum in Artificial Intelligence.

INTERESTS AND HOBBIES

➢ Reading and watching documentaries
➢ Learning new Programming language and skills.
➢ Entrepreneurship and startup culture.
➢ Community service and Volunteering.
➢ Tech Blogging and Writing.

REFEREE

PAUL KIBIRA.
DEPUTY DIRECTOR ICT.
STATE DEPARTMENT OF EAST AFRICAN COMMUNITY.
0720459291
kibirarureri@gmail.com

COLLINS KIPRONO.
ICT OFFICER.
KENYA INSTITUTE OF SURVEYING AND MAPPING.
0708158837
Collins.kiprono@kism.ac.ke

JAPHLET ETYANG,
ICT OFFICER.
STATE DEPARTMENT FOR PARLIAMENTARY AFFAIRS.
0712950219
etyangjaphlet@gmail.com

MAURICE MASENGE,
SENIOR ICT OFFICER,
STATE DEPARTMENT FOR EAST AFRICAN COMMUNITY.
0721865668
maurice.masenge@gmail.com