

ERICK OUKO N.

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System Administrator | IT User Support Expert |
Data Analyst | Full-Stack Developer

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SUMMARY

Innovative and results-driven. With over 6 years of expertise in IT systems development, installation, upgrades, and project management, I work as a Systems Administrator, Data Analyst, and Full Stack Developer. Experienced in initiating technological projects to improve data security, troubleshooting, testing, operational efficiency, innovation, and business strategy. Skilled in assessing system requirements and building unique solutions. Proficient in R data analysis and ICT training. Skilled in graphics, internet design, and software development. I specialize in developing and implementing cost-effective enterprise technology strategies. I'm looking for a position that will allow me to use my exceptional knowledge and talents for company growth.

EDUCATION

Maseno University

BSc. Mathematics and Computer Science
2012 - 2015, 2nd Class Honors (Upper Division)

Metembe SDA Sec. School

Kenya Certificate of Secondary Education
2007 - 2010, B+ (Plus)

CERTIFICATIONS

- Data Analysis using R, Institute for Statistics and Data Science (ISADS) - 2021
- Data Science and Business Intelligence, Udemy - ongoing
- LINUX/UNIX Networking and DNS Management, Internet Society - 2018
- Network Support Skills, Internet Society, 2018
- Cisco Certified Network Associate (CCNA), Laikipia University, 2018
- Professional Development in MySQL and Database Administration, Laikipia University, 2017 - 2018.

PROFESSIONAL EXPERIENCE

Chief Technology Officer

LISH AI LABS | Nov 2024 - Present

- Develop and implement the company's technological vision and strategy to align with business goals.
- Oversee hiring, mentoring, and development of the technical team to foster a collaborative and innovative environment.
- Direct the development and deployment of advanced technological solutions, ensuring timely and budget-compliant project delivery.
- Liaise with stakeholders to align technology initiatives with business objectives and present updates to senior leadership.
- Lead research and development efforts to explore new AI technologies and promote innovation within the team.

R Tutor & Data Analyst

Institute for Statistics and Data Science | Feb 2022 - Oct 2024

- Teaching R programming for data analysis from basic to advanced levels, focusing on practical skills.
- Hosting Q&A sessions before regular classes to clarify learners' queries and ensure understanding.
- Assisting learners from various institutions and sectors with data visualization and analysis, enhancing their data skills.

Network Administrator

Morning Star Villas | Jan 2023 - Dec 2023

- Designed and implemented a robust network infrastructure and CCTV surveillance system for a 12-unit apartment, ensuring seamless internet connectivity and enhanced security for residents.
- Managed system performance, backups, disaster recovery, and preventative maintenance for hardware and software, ensuring operational efficiency.
- Deployed application and OS updates, addressed hardware/software issues, and developed contingency plans for emergencies to maintain system stability.
- Streamlined tenant management and billing processes, supported digital marketing efforts, and provided ongoing assistance to Morning Star Villas beyond the contract.

SKILLS

- Hardware and Software Troubleshooting
- Programming languages: PHP, JavaScript, HTML5, CSS3, SQL
- Database Management: Oracle and MySQL
- Operating Systems: Windows, Linux, MacOS
- MS Office Suite (2016 - 2021 and Office 365 Administration)
- DNS Management
- Information Systems Development
- Graphics Design
- Clustering
- Cloning
- Virtualization
- Systems Administration: Linux Server, Windows Server
- Creative and Innovative
- Results driven
- Integrity
- Web Design Development
- cPanel Hosting and Maintenance
- Computerized Accounting
- R Programming
- Tutoring
- Data Visualization and Analysis
- Network Design and Installation
- CCTV Installation
- Team Management
- Verbal and Written Communication
- Planning and Coordination
- Teambuilding

Digital Centre Manager

County Government of Nakuru | Jan 2021 - Feb 2022

- Managed daily operations, resolved ICT issues, and maintained servers and equipment.
- Conducted training for interns, improving their digital literacy and online skills.
- Ensured application system security through access control, monitoring, and routine evaluations.
- Performed system configuration, backups, and maintenance for applications and server infrastructure, while organizing and managing online meetings.

KenyaEMR Installation & Training Team Lead

County Government of Nakuru | May 2019 - Dec 2020

- Deployed the Kenya EMR system across four prominent hospitals in Nakuru County.
- Led a comprehensive training program, equipping 65 hospital staff members with the necessary skills and knowledge to efficiently utilize the KenyaEMR system for data collection and deliver enhanced services to patients.

ICT Director (Part Time)

Riconets Ventures Limited | Jan 2020 - Dec 2020

- Pioneered the development of a commodity consumption web app for PGH-Nakuru, revolutionizing the management of paperwork and streamlining the preparation of purchase orders and reports, ensuring timeliness and efficiency.
- Networked 17 and 13 computers at Njoro and Bondeni Sub county Hospitals, to a central server facilitating seamless flow of patient data and reporting,
- Designed and deployed a Sender ID system for Njoro Sub county Hospitals, enabling the customized sending of appointment reminders to patients.
- Installed a local area network and a POS system at Sisto Mazzoldi Hospital, automating inventory management and daily cash collections.

Applications Software Developer Intern

ICT Authority | April 2018 - May 2019

I was deployed at the County Government of Nakuru, Department of Education, ICT and e-Government.

- Designed and implemented the documents download section for the county website, enhancing accessibility and usability for residents.
- Set up an active server and 30 client computers at Kuresoi Sub county Digital Centre enabling 105 youths to receive training in online work, with approximately 60% of them now utilizing the center to earn an average of \$350 per month, thereby enhancing economic opportunities for the community.

REFEREES

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