

JAN NELSON ONGIRI

Software Developer

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OBJECTIVE

As a highly accomplished software developer, I am dedicated to driving innovation that not only boosts productivity but also enhances overall efficiency. My extensive technical acumen and coding expertise enable me to craft resilient, user-centric solutions.

My leadership acumen extends beyond technical skills. I have effectively mentored and guided emerging professionals in software development, overseeing projects and championing a culture of continuous improvement.

Moreover, I am not just a proficient coder; I am also a poised communicator, strategic thinker, and creative problem solver. My software solutions are meticulously tailored to align with an organization's unique needs, accentuate their core strengths, and propel them towards enduring success.

PROFESSIONAL EXPERIENCE

JOSEPH KARIUKI FINE ART – Nairobi, Kenya

Software Developer, August 2022 -

- Directed the technical aspects of application development, orchestrating the strategic selection of programming languages, development frameworks, and tools.
- Demonstrated mastery in overseeing the technical components of applications to guarantee their optimal performance and efficiency, showcasing a commitment to delivering high-quality solutions.

KENYA REVENUE AUTHORITY – Nairobi, Kenya

Software Developer, January 2022 - August 2022

- Spearheaded the planning and execution of a proposal for an Intern Attendance System, including the development of comprehensive functional designs.
- Assumed responsibility for the oversight of the data center environment, proactively identifying, logging, and reporting issues to senior management for swift resolution.
- Demonstrated proficiency in automating data collection and report generation tools using the Python Programming Language, enhancing efficiency and accuracy.
- Led the development of a new dashboard to centralize access to services and hosts for the newly established data center, improving user accessibility and workflow.
- Authored clear and concise instructions for data center operations, maintaining configuration records for all systems to ensure optimal performance and reliability.
- Implemented proactive monitoring of all services and applications, utilizing various tools to execute predefined actions, thus minimizing downtime and enhancing system performance.
- Utilized a diverse set of data analysis and collection tools for continuous monitoring, ensuring high uptime for services, hosts, and applications.
- Ensured the seamless operation of all services, promptly reporting malfunctions and warnings as per the escalation matrix, guaranteeing minimal disruption to operations.

- Presided over efforts to ensure the high availability of computer networks through software updates, hardware upgrades, and the provision of technical support as needed.
- Conducted maintenance and configuration tasks for network devices, maintaining optimal network performance and security.

KENYA POWER AND LIGHTING COMPANY – Nairobi, Kenya

Software Developer – Internship, April 2021 – August 2021

- Project Proposal: Enhancement of Mental Health and Whistleblower Systems.
- Orchestrated the development team's collaborative efforts to refine the debugging process, ensuring precision and efficiency in problem-solving.
- Demonstrated expertise in code-review activities, meticulously assessing the impact of changes submitted during development, while upholding stringent quality standards.
- Spearheaded software engineering process improvements and the implementation of best practices, fostering a culture of excellence and innovation within the team.
- Proficiently designed and developed web applications utilizing the CodeIgniter PHP Framework, showcasing advanced technical proficiency.
- Played a pivotal role in deployment processes by conducting rigorous testing, debugging, and issue resolution, consistently delivering optimal results.
- Collaborated seamlessly with fellow developers to identify and rectify numerous bugs and errors within the software, enhancing overall system reliability.
- Provided unwavering support for software engineering projects within the Agile work environment, contributing to the successful execution of project goals.

KENYA PETROLEUM AND REFINERIES LIMITED – Mombasa, Kenya

HelpDesk Administrator – Attaché, January 2021 – April 2021

- Diagnosed and resolved software and hardware incidents, encompassing Windows and Mac operating systems
- Provided timely assistance for all IT-related incidents logged by users.
- Write training manuals and training computer users.
- Took ownership of issues, conducted problem analysis, and implemented temporary or permanent solutions to swiftly restore service to end-users. Escalated incidents to relevant support teams, including Network, System Administration, Applications, and Security, when necessary.
- Monitored the Service Desk using tracking software to process tickets in a first-in, first-out manner, prioritizing based on urgency.
- Resolve technical problems with Local Area Networks (LAN), Wide Area Networks (WAN), and other systems.
- Installed, tested, and configured new workstations for new employees, ensuring the seamless integration of standard hardware and software.
- Delivered top-notch customer service by efficiently and professionally addressing end-users' needs.
- Engaged in extensive research and troubleshooting to resolve complex technical issues.

LINEL FARMS– Mombasa, Kenya

Volunteer, January 2019

- Cordially welcomed visitors and provided informative responses to inquiries while efficiently addressing individual needs and requests, ensuring a positive and professional first impression.
- Spearheaded the functional design, development, and ongoing maintenance of the farm's website, ensuring a seamless online presence.
- Assisted in various office tasks, including message-taking, document scanning, and responding to phone inquiries, contributing to streamlined office operations.
- Managed and updated a comprehensive database of organizational information, ensuring data accuracy and accessibility.
- Optimized daily productivity by meticulously documenting progress and proactively identifying and rectifying areas for improvement, fostering a culture of continuous enhancement.

EDUCATION

ADDITIONAL SKILLS

UDACITY - ALX

ALX-T Cloud Developer Nanodegree Program,
confirm.udacity.com/EFHJFQ7C

DAYSTAR UNIVERSITY – Nairobi, Kenya

Bachelor of Science in Applied Computer Science,
August 2017 - November 2021
GPA 3.3

St. Mary’s School – Yala, Kenya

High School Diploma,
February 2013 - November 2016
GRADE: B+

Languages

Frontend

- Javascript, React.js, React.js, Tailwind, CSS

Backend

- Python, PHP, Javascript, TypeScript, SQL

Soft Skills

- Team work, Problem Solving, Communication, Flexibility, Quick Learner, Time Management.

Other Skills

- Machine Learning, Tensor Flow, Cloud Development