John Williams Mwangi Gitau

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CAREER OBJECTIVE

Detail-oriented and innovative computer scientist with a strong foundation in software development, data structures, and algorithm design. Proficient in programming languages such as React, NodeJs, Html, CSS, Python and C++, with expertise in developing scalable applications, optimizing system performance and solving complex technical challenges. Eager to contribute to cutting-edge projects in technology-driven industries, with a commitment to continuous learning and improving systems` efficiency, security and scalability.

WORK EXPERIENCE

Interswitch Group   **Kenya**

Infrastructure and DevOps Intern.   *May 2023 – August 2023*

During this period I worked in the Infrastructure and DevOps department, where I was exposed to both the technical and operational aspects of maintaining IT infrastructure and developing software solutions. My responsibilities spanned over several key areas:

- Network support and troubleshooting: I provided support in resolving networking issues, such as diagnosing and addressing connectivity issues, configuring network devices and ensuring the stability and performance of the corporate network.
- System Maintenance and Management: I was involved in conducting regular system diagnostics, applying software updates and assisting in preventive maintenance. This helped ensure the smooth running of servers, databases, and other essential IT systems.
- DevOps practices: As part of the DevOps team, I got hands-on experience with continuous integration and continuous deployment (CI/CD) tools and processes.
- I also assisted in containerizing applications and deploying them in cloud environments, learning valuable DevOps skills in the process.
- Inventory Tracking System Development: One of the key projects I contributed to was the development of an inventory tracking system. This project provided me with practical knowledge of programming and exposed me to languages such as NodeJs for server-side development.
- I was involved in designing the system architecture, writing backend code to manage inventory data, and integrating databases to store and retrieve product information which increased efficiency by 80%.

Nakuru Law Courts   **Kenya**

Information Communication Technology.   *May 2022 – August 2022*

During this period, I was actively involved in the ICT department, where I gained hands on experience in several key areas:

- Network Support: This involved troubleshooting network connectivity problems, configuring routers and switches, and ensuring that the Local Area Network (LAN) and internet services functioned optimally within the court premises.

- System Maintenance: My role included conducting regular system maintenance tasks, such as updating software, running diagnostics, and ensuring that hardware systems were running smoothly.
- System Management: I participated in managing and monitoring court systems, including database management and user access control. I ensured that sensitive legal data was protected and accessible to authorized personnel only.
- Additionally, I supported the ICT team in implementing system upgrades and new software installations, improving overall system performance and user experience.

EDUCATION

University of Eldoret   **Kenya**

Bachelor of Science in Computer Science (Second Class Lower)   *Graduation Date: -November 2024*

- Coursework in software development, data structures, algorithm design, object oriented programming and programming languages such as C-Sharp (C#) and C++.
- Project: *Event ticketing System- A Electronic ticketing system that handles event viewing, event payment, customer feedback, Admin-dashboard and customer profile.*

Institute of Advanced Technology   **Kenya**

Cisco Networking   *Graduation Date: -March 2020*

- I did Cisco Networking (CCNA).
- I was able to work with routers, switches and also learn how to configure a network.
- Made a whole network using cisco routers, switches and personal computers (PC) and learned the different ways to configure whether automatic or dynamic ip addressing.

SKILLS, LANGUAGES & INTERESTS

Skills: App Development| Web Development| Software- Development| Proposal Writing| MySQL| Problem Solving|

Languages: English – Fluent | Kiswahili – Fluent | Spanish – Intermediate

REFERENCES

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