

JOHN NJENGA

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Driven IT professional with a solid foundation in system analysis, web development, and mobile application programming. Skilled in leveraging technology to solve business challenges, streamline operations, and deliver exceptional user experiences. Experienced in full-stack development, network administration, and cybersecurity practices, with a demonstrated ability to optimize systems for increased efficiency and performance. Eager to apply technical expertise in a dynamic environment to drive innovation and business growth.

AREA OF EXPERTISE

- System Analysis and Optimization
- Full Stack Web Development
- Android App Development
- ICT Support & Network Management
- Cybersecurity Practices.

PROFESSIONAL EXPERIENCE

ICT Intern – Kenya Bureau of Standards (*KEBS*)

Duration: July- September 2021

- **Software Installation & Configuration:** Led software deployment projects that reduced IT support requests by 40%, resulting in significant time savings.
- **Network Administration & Maintenance:** Improved network reliability and data flow by implementing advanced monitoring tools, achieving a 30% reduction in network-related downtime.
- **Database Administration:** Streamlined database operations and maintenance processes, boosting data retrieval efficiency by 25%.
- **Server Testing & Optimization:** Conducted comprehensive server testing and implemented optimizations that enhanced server performance by 20%, resulting in faster application response times.

KEY PROJECTS AND ACHIEVEMENTS

- **Transit App Development:** Designed a transit management app that increased logistical efficiency by 35%, optimizing route scheduling and reducing fuel consumption.
- **E-commerce Website Creation:** Developed a scalable e-commerce platform that contributed to a 50% increase in sales conversions and an expanded customer base.
- **Automated Bus Booking System:** Engineered a bus booking system that cut manual processing time by 70% and reduced customer service call volume.
- **Phishing Detection Tool:** Built a cybersecurity tool to identify phishing threats, enhancing the organization's security posture and reducing potential data breaches.

EDUCATION

- Bachelor of Information Technology- Mount Kenya University.
- Diploma in Information Technology- Jomo Kenyatta University of Agriculture and Technology.
- Mobile Development (MIT)- Emobilis Mobile tech Institute
- Network support and Cyber security- CISCO

TECHNICAL PROFICIENCIES

- **Programming:** Java, Python, PHP, JavaScript
- **Web Development:** HTML5, CSS3, React
- **Design Tools:** UI/UX Design Techniques
- **Network Management:** Cisco Network Support, Cybersecurity Practices.

REFEREES

Lynnet Muthoni

Cybersecurity analyst,

[Tel: 0746 717 406.](tel:0746717406)

Elroy Kiplagat

ICT Officer

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