STEPHEN OTIENO OKOK

✉ Stephenokok613@gmail.com   📍 Nairobi, Kenya   📞 0718878436

PROFESSIONAL SUMMARY

Innovative, detail-oriented Software Developer with 5 years of experience in designing and building responsive, scalable, and secure web applications. Proficient in NextJS, HTML, CSS, JavaScript, and integrating RESTful APIs for dynamic data-driven applications. Demonstrated ability to collaborate with cross-functional teams in delivering high-quality web solutions that enhance performance and user experience. Adept at troubleshooting and resolving technical issues efficiently. Passionate about bringing technology into leverage for climate tech and sustainable living, proven track record in e-commerce development, hands-on experience in graphic design, and relentless in assuring that the delivery of results is of excellence within fast-paced, innovative environments.

SKILLS

- ICT Infrastructure Management - Managing and maintaining the critical hardware, software, and networking components that keep an organization's ICT systems running properly.
- Network Administration (LAN/WAN) - Setting up and administering local area networks and wide area networks to ensure that company sites can communicate data reliably and securely.
- Cybersecurity and Data Protection - Implementation and maintenance of security measures, such as firewalls, antivirus software, and encryption, to protect ICT systems and sensitive data against cyber threats and unauthorized access.
- Installation of Hardware and Software - Capable of installing, configuring, and upgrading a wide range of ICT hardware, including servers, routers, and switches, among others, and software, ensuring compatibility and optimal performance.
- System Performance Monitoring - Regularly assess system and network performance, identify potential bottlenecks, and take preventive measures to optimize efficiency and avoid downtime.
- Vendor and Service Provider Management - Working closely with external vendors and service providers to procure ICT equipment and services, ensuring they meet technical specifications, quality standards, and budget constraints.
- User Support and Technical Training: Providing technical assistance to end users, resolving hardware and software issues, and conducting training sessions to improve their understanding and usage of technology resources.
- Documentation and Standard Operating Procedures (SOPs): Developing detailed documentation for ICT systems, configurations, and procedures to ensure consistency in operations, ease of troubleshooting, and knowledge sharing within the team.

- Programming Languages: JavaScript, PHP, Python (Basic)
- Frameworks/Libraries: React, .NET (Basic)
- Databases: MySQL, PostgreSQL
- Web Technologies: HTML5, CSS3, REST APIs
- Tools: Git, Visual Studio, Jira
- Methodologies: Agile/Scrum, SDLC

WORK EXPERIENCE

ICT Intern   09/2023 – 09/2024
Teachers Service Commission   Nairobi, Kenya
Roles
- Designing and maintaining user-friendly responsive web applications with NextJS, React, and JavaScript.

- Network Administration.
- Software and hardware maintenance.
- Successfully managed to connect users to the Kyocera Printers with the help of the MFI group.
- With the help of the Copy Cat group, I supervised the addition of users to new Canon printers.
- Troubleshooting Cisco and DLink Switches.
- Integrated GraphQL and RESTful APIs to drive dynamic, data-driven applications.
- Coordinated the seamless deployment and effective implementation of scalable web applications with numerous cross-functional teams.
- Optimized the performance, scalability, and security of the front-end components for various projects.
- Debugged and resolved technical issues in front-end development to ensure the quality of application functionality.

ICT Intern   01/2021 – 03/2021
County Government of Kakamega Revenue Agency ⬀   Kakamega, Kenya
Roles:
- Generated invoices and receipts using the Oracle system, ensuring accuracy and timely processing of revenue transactions.
- Collaborated with my supervisor to troubleshoot and resolve network connectivity issues, successfully configuring new IP addresses for seamless system operations.
- Contributed to server maintenance tasks, enhancing the overall performance and security of IT infrastructure.
- Applied my academic knowledge in ICT to repair and maintain both software and hardware, including the successful installation of operating systems in the HR and procurement departments.
- Demonstrated strong problem-solving skills by diagnosing and resolving technical issues, minimizing system downtime and improving operational efficiency.

Clerk 1   07/2017 – 08/2017
Independent Electoral and Boundaries Commission ⬀   Kisumu, Kenya
Roles:
- Verification of voters using the biometric system in the KIEMS kit.
- Kenya Integrated Elections Management System troubleshooting(KIEMS)
- Counting of votes.

EDUCATION

ALX   02/2025 – 03/2025
AI Starter Kit Certificate   Nairobi, Kenya

ALX   08/2021 – 08/2022
Software Engineering   Nairobi, Kenya

Technical University of Mombasa   09/2017 – 12/2021
Bachelor Of Technology in Information And Technology   Mombasa, Kenya

PROJECTS AND PORTFOLIO

Portfolio Website — https://stephen-okok-portfolio-website.vercel.app/ ⬀