NEKESA BRENDA MUMELO

ICT OFFICER

Ruaka, Nairobi

+254 909 02634

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SKILLS

- ❖ Technical Tools: Python, JavaScript, R, MySQL, PostgreSQL, RECAP
- ❖ Software Proficiency: Microsoft Word, Excel, PowerPoint
- ❖ Data Skills: Data Analysis, Data Cleaning, Data Entry
- ❖ Web Technologies: Web Development Basics, Web Scraping
- ❖ Support Functions: Network Monitoring, Troubleshooting, Hardware Setup
- ❖ Other Skills: Decision Making, Problem Solving, Communication, Teamwork, Customer Service

EDUCATION

Sept2019 – Nov 2022

Diploma in information and communication technology

The eldoret national polytechnic

Jan 2015 – Nov 2018

Kenya certificate of secondary education (kcse)

Our lady of mercy chebukaka high school

PROFESSIONAL SUMMARY

A dynamic and technically skilled ICT professional with hands-on experience in data analysis, web development, system support, and geospatial data collection. Adept at problem-solving, technical communication, and team collaboration. Possess a Diploma in Information Communication Technology and a strong desire to grow professionally within the ICT field. Highly motivated to contribute to organizational success while continuously improving technical proficiency.

PROFESSIONAL EXPERIENCE

Dec 2024 – 2025

Frontend developer upwork

Duties

- ➢ Design and develop responsive, user-centric websites using HTML5, CSS3, JavaScript, and modern frameworks such as React.js and Vue.js.
- ➢ Translate UI/UX wireframes and mockups into functional, interactive web components.
- ➢ Collaborate with clients to understand project requirements, provide technical consultation, and deliver solutions aligned with business goals.
- ➢ Ensure cross-browser compatibility and mobile responsiveness for optimal user experience.
- ➢ Integrate third-party APIs and connect front-end components to RESTful backend services.
- ➢ Optimize website performance through efficient coding, asset management, and lazy loading techniques.
- ➢ Maintain and refactor existing codebases to improve functionality and performance.
- ➢ Manage code versioning and deployments using Git and platforms like GitHub, GitLab, Netlify, and Vercel.
- ➢ Implement accessibility standards (WCAG) to ensure usability for all users.
- ➢ Conduct debugging and testing (manual and automated) to identify and resolve front-end issues.
- ➢ Provide post-deployment support, maintenance, and feature enhancements as needed

January 2022 – June 2022

ICT Assistant

County Government of Bungoma

Duties

- ➢ Supported the IT Director in managing internal service applications, resulting in a 19% reduction in administrative workload.
- ➢ Participated in geospatial data collection for infrastructure and environmental planning projects.
- ➢ Collected, cleaned, and processed data from various sources, including social media platforms (Twitter), web scraping, academic journals, and Google Forms.

- Applied R and JavaScript in web development tasks, contributing to internal application prototypes.
- Performed data analysis and statistical reporting on waste management using Python, enhancing decision-making processes.
- Assisted in developing data collection tools using RECAP, ensuring accurate branching logic and validation rules.
- Conducted data quality assessments and facilitated error correction processes to maintain data integrity.
- Mentored newly recruited IT personnel, introducing them to advanced technical procedures and internal systems.

February 2021 – May 2021
ICT Lab Technician Intern
Uasin Gishu High School
Duties
- Designed and evaluated system processes to enhance ICT functionality and efficiency.
- Supported students in website development and practical ICT coursework.
- Diagnosed and resolved technical issues related to computer hardware and software.
- Created digital graphics and managed content for school social media platforms.
- Conducted IT training sessions for staff, promoting digital literacy and system use.
- Developed both print and digital media for communication and academic purposes.
- Operated school printing and photocopying systems for document production.

REFEREES

REF (i)
Dan Wekesa
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REF(ii)
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