

Hillary Ndeto Masunze Nthome

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Professional profile

I am a confident, scalable, goal-oriented, resourceful, self-motivated professional with extensive experience in software development and graphic design. My in-depth knowledge of information communication technology functions and duties equips me to handle various roles with proficiency. From web development and network administration to hardware and software troubleshooting, I have consistently demonstrated my ability to tackle diverse challenges in the IT landscape. As a proactive problem-solver, I thrive in dynamic environments and am committed to staying updated with the latest industry trends and technologies. I am eager to leverage my skills and expertise to contribute to the success of an Information Technology firm. With a strong foundation in software development and visual design, I am ready to take on new challenges and make meaningful contributions to future projects.

Areas of expertise

- **Programming / Coding:** Proficient in a variety of programming languages, libraries, and frameworks including Java, PHP, Python, Django, Node.js, React.js, and more.
- **Graphic design:** Skilled in Adobe Photoshop, Adobe Illustrator, Canva, and Figma, with a keen eye for design aesthetics.
- **Problem solving:** Demonstrated ability to analyze complex problems and implement effective solutions.
- **Organizational and time management skills:** Strong ability to manage multiple tasks and projects simultaneously, ensuring timely completion.
- **Communication and Interpersonal skills:** Exceptional verbal and written communication skills, with the ability to collaborate effectively with diverse teams and stakeholders.
- **Technical support and maintenance:** Proficient in providing technical support for software and hardware, troubleshooting issues, and performing installations and configurations.
- **Web design and Web development:** Experienced in developing and maintaining websites, enhancing user experiences, and optimizing online presence.

Professional Experience

ICT AUTHORITY

NOV 2022 – DEC 2023

System and Applications Developer Intern

Recruited as a System and Applications Developer Intern at the ICT Authority under the prestigious Presidential Digital Talent Program (PDTP), I played a pivotal role in spearheading the government's ICT initiatives, including the Jitume program and e-waste management, while also promoting digital literacy among citizens.

Key Contributions:

- **Conducted comprehensive research on e-waste collection, handling, and management**, leading to the establishment of the e-waste management center at the industrial area.
- **Collaborated with fellow developers to design and produce the Product Requirement Document (PRD)** for the e-waste management system, facilitating the development of a robust system to manage all collected devices.
- **Provided digital literacy training to youths and citizens** through the Jitume program, empowering them to work online and utilize public Wi-Fi resources installed by the government.
- **Fostered collaboration with other government ministries**, notably the Ministry of Education, by serving as a data capture for the Kenya National Examinations, enhancing accuracy and efficiency in data processing.
- **Actively participated in various training programs**, obtaining certifications and skills from reputable institutions such as Coursera, Huawei, and the WEE Center.
- **Provided technical support and maintenance**, including the installation and configuration of hardware devices, ensuring seamless operations within the organization.

PETANNS TECHNICAL TRAINING COLLEGE

JAN 2022 – JAN 2023

ICT Officer/Trainer

Appointed as an ICT Officer/Trainer at Petanns Technical Training College, I played a pivotal role in imparting practical skills and knowledge to students while providing essential staff support and maintenance services. Additionally, I developed an internal registration system to streamline student management processes.

Key Contributions:

- **Delivered high-quality training in computer applications, programming, and secretarial studies**, earning recognition as a skilled and effective trainer.
- **Ensured the timely update of software and configurations**, fostering an environment conducive to effective learning.
- **Leveraged graphic design expertise** to enhance the college's visual communication materials and established an online cybercafé to offer services to clients, contributing to increased student engagement and satisfaction.
- **Successfully increased student enrollment through referrals**, highlighting the effectiveness of my training methodologies and the positive learning environment fostered within the college.
- **Undertook hardware installation and upgrades**, optimizing the college's infrastructure for improved performance and efficiency.

KENYA RED CROSS SOCIETY (MACHAKOS BRANCH)

MAY 2021 – DEC 2021

ICT intern

As an ICT Intern at the Kenya Red Cross Society, Machakos Branch, I actively contributed to network administration, facilitated computer classes, provided software and hardware support, and assisted in graphic design tasks, demonstrating versatility and dedication in supporting the organization's mission.

Key contributions:

- Ensured the smooth operation of network infrastructure through proactive administration and troubleshooting, resolving connectivity issues promptly.

- Facilitated computer classes under the Digital Opportunity Trust (DOT) program, imparting essential computer skills and life skills to participants.
- Provided comprehensive software and hardware support, ensuring all computer systems functioned optimally and software was up-to-date.
- Offered assistance to staff members, leveraging technical expertise to address various ICT-related matters.
- Engaged in graphic design activities, contributing to the creation of event and blood donation posters and banners, effectively communicating the organization's initiatives to the community.

Education and Technical Proficiencies

Bachelor of Science in Information Technology [2019-2021]

MOUNT KENYA UNIVERSITY (Main Campus), Thika, Kenya

Diploma in Information Technology [2016-2018]

MOUNT KENYA UNIVERSITY (Main Campus), Thika, Kenya

Technical Skills

Programming Languages: Java, PHP, Python, Django, Node.js, React.js, Bootstrap, CSS, C#, C++, C, Kotlin, JavaScript, MySQL, SQL, ASP.Net. **Graphic Design Tools:** Adobe Photoshop, Adobe Illustrator, Canva, Figma. **Operating Systems:** Windows (Win 10, 11, 7, 8.1), Linux, macOS. **Microsoft Office Suite, Networking.**

Personal Attributes

- High degree of self-motivation, positive attitude, and drive.
- Strong networking capacity and excellent interpersonal skills.
- Ability to multitask, work flexibly, and thrive in a team-based environment.
- Extremely well-organized with the highest ethical standards.
- Continuous self-development