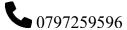
# **Hillary Ndeto Masunze Nthome**









## **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