MWANZI NEKESA PURITY

(Software Developer)

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Enthusiastic and hardworking Full Stack Web Developer with a passion for designing and developing userfriendly and responsive web applications. With a strong foundation in both front-end and back-end technologies, I bring ideas to life by seamlessly connecting the dots between design and functionality. My mission is to build user-friendly, efficient, and secure web applications that exceed expectations.

WORK EXPERIENCE

SEPT 2023 – DEC 2023

CYBER SECURITY INTERN

COMMUNICATIONS AUTHORITY OF KENYA

RESPONSIBILITIES:

➢ Managing and maintaining firewall rules to protect against unauthorized access and traffic.

➢ Collaborating with cross-functional teams in developing and implementing security policies and procedures, ensuring compliance with industry standards.

➢ Collaborating on the development of cybersecurity awareness campaigns for employees.

➢ Assisting senior analysts in monitoring network traffic and identifying potential security threats.

MAY 2022 – AUG 2022

INFORMATION TECHNOLOGY SUPPORT SPECIALIST - INTERN NAIROBI SAFARI CLUB RESPONSIBILITIES:

➢ Provided technical support for organization's computer systems, including troubleshooting hardware and software issues, configuring network settings, and managing server systems.

➢ Conducted regular maintenance on server systems, including updating software and addressing any issues that arose.

➢ Configured CCTV systems to meet the specific needs of the organization, including selecting appropriate camera placement and optimizing image quality.

➢ Troubleshot and resolved issues with CCTV systems, working collaboratively with cross-functional teams to ensure timely resolution of issues.

➢ Loaded software, granted permissions, and configured hardware for new employees as part of the onboarding process.

PROJECTS

- Developed a dynamic e-commerce website for a clothing retailer, leveraging PHP (Laravel) and JavaScript technologies. Integrated robust backend functionalities using Laravel to manage product inventory, user accounts, and order processing, while implementing JavaScript for interactive user interfaces and dynamic content loading. Collaborated closely with the client to understand requirements and deliver a tailored solution that aligned with their brand identity and business objectives. [https://neki.zubrecreative.com]
- **Sentiment Analyzer** – I designed a tool that analyzes the sentiment of text data. Using natural language processing (NLP) techniques, the tool aims to determine the sentiment polarity of given text inputs, categorizing them as positive, negative, or neutral. I utilized machine learning algorithms, leveraging libraries such as NLTK (Natural Language Toolkit).
- **House Rental System** – I created a web app that will do away with manual system used by landlords. The system facilitates the rental process for residential properties, offering features such as property listing, tenant management, lease agreements, and rental payment processing. The aim of the project is to provide an efficient platform for property owners to manage their rental properties. This helped me leverage PHP and JavaScript technologies.
- **Portfolio Website** – I developed a portfolio website using HTML, CSS, and JavaScript, which will showcase my skills, projects, and professional experience to potential employers or clients.

EDUCATION

2023 – Current
USIU, Cyber Shujaa
Ethical Hacking

2019 – 2023
AFRICA NAZARENE UNIVERSITY
Bachelor of Business & Information Technology

2015 – 2018
HILL SCHOOL - ELDORET
Kenya Certificate of Secondary Education

SKILLS

- HTML/CSS **LIBRARIES & FRAMEWORKS**
- JavaScript ☐   React, jQuery, MySQL
- Python   ☐   Node.js, MongoDB
- PHP   ☐   Tailwind CSS
- SQL   ☐   Bootstrap
- Laravel

INTEREST

- Software Development
- Cybersecurity
- Machine Learning/ Artificial Intelligence

LANGUAGES

- English
- Swahili

REFERENCES

Francis Sitati
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