

SAMUEL NJIIRI NJUGUNA



FULL STACK WEB DEVELOPER | CYBERSECURITY ANALYST

CONTACT

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SKILLS

- Full Stack Web Development
- Python Programming C C++
- HTML CSS Bootstrap
- JavaScript Bash Scripting
- Functional Programming
- Python Django Framework APIs
- Django Templating Syntax
- SQL Programming PostgreSQL
- MySQL NoSQL MongoDB GitHub
- Git Server Installation Git
- Web Application Deployment
- AWS (Amazon Web Services)
- Ansible Docker
- Penetration Testing Methodologies
- Ubuntu Kali Linux
- Metasploit Burpsuite Nmap
- Wireshark Malware Analysis
- Computer Networks
- Technical Writing



PROFESSIONAL PROFILE

I'm a detail-oriented and security-focused Full Stack Web Developer with a strong background in Django, PostgreSQL, and DevOps. I thrive in solving complex technical challenges, whether it's securing web applications, optimizing system performance, or automating workflows. I approach problems strategically, ensuring efficiency without compromising security. My experience spans web development, cybersecurity, cloud infrastructure, and networking, allowing me to build scalable and resilient systems. I also enjoy continuous learning and staying ahead of emerging security threats and technologies. Passionate about problem-solving and committed to delivering innovative solutions that enhance application performance and security.



WORK EXPERIENCE

Sight Technology Studio 2023 - PRESENT

Backend Developer

- Developing Social Listening Application and Deploying it
- Cyber Security Auditing on the premise servers
- Django and React applications deployment
- Git server setup on-premise
- Worked with NoSQL databases (MongoDB)
- JavaScript
- Collaborated with front-end developers to ensure smooth integration of back-end code into user interface.
- Debugged issues in existing codebase and identified potential security vulnerabilities.

Regional Centre on Groundwater Resources 2021 - 2021

Education, Training and Research

IT Support Specialist

- Computer troubleshooting and repair
- Formulating Access to Information Policy and Procedures of the organization
- Online meeting scheduling

Kenyan Literature Bureau 2018 - 2018

Warehouse Assistant

- Managed office records and reports
- Packing and sorting of records and books
- Filing documents

LANGUAGES

- English (Fluent)
- Swahili (Fluent)

REFERENCE

Toufik Swar

Sight Technology Studio / Director

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Email : toufik.swar@gmail.com

Hellen Wanyaga

RCGW / Head ICT

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PROFILE LINKS

LinkedIn

<https://www.linkedin.com/in/samu-el-njiiri-a25110235/>

X

https://twitter.com/Sam_Njiiri

Github

<https://github.com/Samnji>

Hackerrank

<https://www.hackerrank.com/samuelnjiiri625>

TryHackMe

https://tryhackme.com/p/Magic_janHacker



KEY ACHIEVEMENTS

Tujijenge Initiative

MPESA-integrated donation tracking system with AI-driven financial analysis.

Secure Django Template

Pre-configured security-hardened Django setup with RBAC & automated scans.

Social Listening Tool

Scraped social media posts to provide strategic insights on the best times to post and so based on Usernames.

E-commerce & ERP Systems

Developed secure and scalable solutions for businesses.



PROFESSIONAL COMPETENCE

Full Stack Development

Expert in Django, Django REST Framework, FastAPI, and PostgreSQL

Cybersecurity

Secure coding, Django hardening, vulnerability monitoring, and real-time security alerts

DevOps & Automation

Docker, Nginx, systemd, Selenium, and CI/CD pipelines

Networking & Infrastructure

Packet Tracer, VLANs, core switch configurations, and SFP ports

Data Analysis & AI

LangChain for financial data analysis, Google Maps API for route optimization

Communication & Leadership

Technical documentation, client proposals, and secure coding advocacy



EDUCATION

Bachelor of Science in Information Systems and Knowledge Management

2018 - 2022

School of Science and Technology | MASINDE MULIRO UNIVERSITY

K.C.S.E certificate

2014 - 2017

NJUMBI BOYS HIGH SCHOOL



CERTIFICATIONS AND LICENSES

Google Cyber Security Certificate

Coursera

Problem Solving Certificate

Hackerrank

Software Engineer Intern Certificate

Hackerrank

Python Certificate

Hackerrank