

# DANIEL MUUO MUUMBI

Software Engineer | Nairobi, Kenya

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[GitHub](#) | [Portfolio](#) | [LinkedIn](#)

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## Professional Summary

Passionate full-stack developer with over 3 years of experience delivering scalable backend systems and responsive frontend applications. Proficient in Python (Flask), JavaScript (React, Node.js), and modern DevOps tools like Docker and Git. Adept at solving complex problems, collaborating with teams, and building innovative digital solutions. Currently seeking a role in a forward-thinking tech company to grow and create a meaningful impact.

## Technical Skills

- **Languages:** Python, JavaScript, C, C++, PHP
- **Frameworks & Libraries:** Flask, React, Node.js, Bootstrap, jQuery, TypeScript
- **Databases:** MySQL, MongoDB, PostgreSQL, SQLAlchemy ORM
- **Tools & DevOps:** Docker, Git, GitHub, Apache, Nginx, Linux Shell
- **Cloud & APIs:** JWT, RESTful APIs
- **Collaboration Tools:** Trello, Slack, Discord
- **CMS & Platforms:** WordPress
- **Cybersecurity Skills:**
  - **Penetration Testing & Ethical Hacking:** Metasploit, ExploitDB, Sn1per, Social Engineering Toolkit (SET), GoPhish, Hydra, John the Ripper, Hashcat, Aircrack-ng
  - **Vulnerability Assessment & Web Security:** OWASP ZAP, Burp Suite, Nikto, WPScan, Nessus, OpenVAS, Qualys
  - **Network & Wireless Security:** Wireshark, Nmap, TCPDump, Kismet, Security Onion, Snort, Wifite
  - **Cloud & Endpoint Security:** AWS GuardDuty, Azure Security Center, Google Cloud SCC, CrowdStrike, SentinelOne, Microsoft Defender
  - **Digital Forensics & Threat Intelligence:** Autopsy, FTK Imager, EnCase, MISP, Maltego, Recorded Future

## Projects

### Remote Job Search Platform | Dec 2024 – Jan 2025

Technologies: Flask, JavaScript, HTML, CSS, MySQL, SQLAlchemy ORM

- Developed a full-featured job portal with registration, login, and dashboard functionality for employers and job seekers
- Integrated secure authentication (JWT) and application workflows

[GitHub](#)

### Health Hub Web | May 2024 – Sept 2024

Technologies: Flask, HTML, CSS, jQuery, MySQL, JWT

- Built a platform to streamline access to public health resources
- Designed interactive UI and integrated secure RESTful API authentication

[GitHub](#)

### Simple Shell (C Terminal Project) | Jan 2023 – Mar 2024

Technologies: C, Linux system calls

- Created a Unix-like command-line shell with support for built-in commands (cd, exit), piping, and process management
- Focused on system-level programming, memory management, and signals

[GitHub](#)

## Professional Experience

### Senior Software Engineer & Tech Consultant | EvolTechs Software Solutions | 2022 – Present

- Engineered modular backend systems and improved system performance by 35%
- Led development teams on high-impact client projects, applying Agile practices
- Worked with Flask and Node.js to build RESTful APIs and modern web services

**Founder & CEO | Netlink WiFi Solutions | 2023 – Present**

- Built and deployed secure, high-speed network infrastructure for homes and businesses
- Led the company's growth strategy and client acquisition
- Designed client-facing dashboards and support tools using JavaScript and PHP

**IT Director | TechAlchemist Solutions | 2025 – Present**

- Overseeing the entire IT department and aligning it with business goals.
- Ensuring security, compliance, and scalability of IT systems.
- Leading teams (developers, sysadmins, network engineers, etc.).
- Setting policies and implementing new technologies to improve efficiency.

**Technical Instructor | Code Yetu | 2025 - Present**

- Facilitated coding bootcamps and workshops for students across Kenya, both virtually and in-person
- Led quarterly hackathons, engaging students from diverse institutions in project-based learning
- Delivered instruction in web development, programming fundamentals, and creative computing using Scratch, HTML/CSS, and JavaScript

**Freelance Full-Stack Developer | Upwork (Remote) | 2022 – Present**

- Delivered 15+ web development projects in backend (Flask, Node.js) and frontend (React, Bootstrap)
- Worked directly with clients to gather requirements, build solutions, and ensure on-time delivery

**Education**

Bachelor of Science in Mathematics & Computer Science

Multimedia University of Kenya — Expected Graduation: 2027

International Diploma in Software Engineering

Holberton School (ALX Africa — 2022 – 2024)

Ethical Hacker

Cyber Shujaa (Graduated with Distinction)

## **Certifications**

- Full Stack Web Development Bootcamp – Udemy, 2024
- Fundamentals of Android Development – Udemy, 2023
- Python Programming – Udemy
- Excel Fundamentals – Corporate Finance Institute (CFI), 2023
- Data Science – Stanford University
- Ethical Hacker –Cisco

**Referee****Angela Chepkoech,**

Communications &amp; Engagement Lead,

Code Yetu

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**Alfred Kinyua**

Network Engineer | Full Stack Engineer

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**Samuel Kilonzo**

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