
Stanley Locke

stanleylocke@gmail.com | +254752032884 |

[LinkedIn @stanleylocke](#) |

[GitHub](#) | [Twitter](#) | [Facebook](#) | [Instagram](#)

Professional Summary

A passionate and motivated full-stack developer with experience in web development, software engineering, networking, and cybersecurity. Skilled in front-end and back-end technologies, Firebase integration, proxy setup, VPN tunneling, and system administration. Adept at problem-solving, teamwork, and adapting to new technologies. Highly organized with a strong ability to manage projects and deadlines efficiently.

Education

Bachelor's in Software Engineering / Computer Science

Relevant Coursework: Web Development, Database Management, Cybersecurity, Networking, Software Engineering Principles

Skills

- **Programming Languages:** JavaScript, Python, C++, HTML, CSS
 - **Web Development:** React, Bootstrap, Firebase, Node.js, PHP
 - **Networking & Security:** Squid Proxy, SSH Tunneling, VPN Development, Nginx, SSL/TLS Encryption
 - **Database Management:** Firebase, MongoDB, MySQL, PostgreSQL
 - **Cloud & DevOps:** AWS, Cloudflare, VPS Management, Linux Server Administration
 - **Tools & Platforms:** Termux, Acode, Git, GitHub Pages, Docker
 - **Soft Skills:** Problem-solving, teamwork, adaptability, leadership, communication
-

Projects

School Management System

- Developed a web-based system for a high school, integrating an admin panel for managing teachers, students, fees, and timetables.
- Used Firebase for authentication, real-time database, and cloud storage.
- Implemented user roles (Admin, Teacher, Student, Parent) with specific access levels.
- Deployed on a VPS with Cloudflare for security and performance optimization.

Car Brands Display Website

- Designed a fully functional website showcasing different car brands, models, and historical data.
- Integrated images, car specifications, and a responsive UI using Bootstrap and JavaScript.
- Implemented a backend API for dynamic content retrieval and updates.

Chat Web App with Firebase

- Built a real-time chat application with user authentication and profile management.
- Users can send messages, share pictures, and update their profile details.
- Integrated Firebase Firestore for real-time database operations.

Proxy & Free Internet Setup

- Configured Squid Proxy and SSH tunneling for free internet access on Safaricom and Airtel.
- Deployed Nginx as a reverse proxy for performance optimization and security.
- Set up a VPS with Cloudflare to bypass restrictions and enhance connection stability.

VPN Tunneling App (In Progress)

- Developing a custom VPN application with AES encryption for secure connections.

-
- Researching custom protocols to enhance security and efficiency.
 - Integrating with a user authentication system for access control.
-

Certifications & Training

- Google IT Support Professional Certificate (In Progress)
 - Web Development Bootcamp (Online Training)
 - Network Security Essentials (Self-Learning)
 - Ethical Hacking & Cybersecurity Fundamentals (Ongoing)
-

Work Experience

Freelance Developer | [Dates]

- Developed and deployed web solutions for clients, including e-commerce and portfolio websites.
- Assisted in setting up servers, domains, and cloud-based storage solutions.
- Configured VPS servers with Nginx, Cloudflare, and SSL certificates for secure hosting.

Technical Support Intern | [Company Name] | [Dates]

- Provided troubleshooting support for networking and web hosting issues.
 - Assisted in server management, security configurations, and database administration.
 - Worked on optimizing website performance and SEO implementation.
-

Leadership & Extracurricular Activities

- **Science Fair Presenter** – Presented a School Management System project at a national fair.
- **Technical Support Volunteer** – Assisted students in learning web development and programming.
- **Open Source Contributor** – Contributed to GitHub projects and actively engaged in coding communities.

-
- **Cybersecurity Enthusiast** – Participated in CTF challenges and ethical hacking workshops.
-

References

Available upon request.