

CURRICULUM VITAE

JANE NDUTA KAMAU

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PERSONAL DETAILS

Name : Jane Nduta Kamau.

LANGUAGES : English, Kiswahili, (both written and spoken).

PERSONAL ATTRIBUTES

Highly motivated and detail-oriented ICT professional with expertise in system development, cybersecurity, and data management. Passionate about innovations and technology-driven security in digital solutions. A dedicated team player committed to achieving organizational goals.

CORE COMPETENCIES

- Programming: Python, Java, PHP, C++, CSS, HTML, React, Flask, Node.js, Bootstrap.
- Database Management: SQL, MySQL, Firebase.
- Data Analysis and Visualization: Power BI and Excel.
- Cybersecurity: Penetration Testing, Data Encryption, Ethical hacking, and Security Operations Center(SOC) Fundamentals.
- Digital Tools and CRM: Google Analytics, Power BI .
- Networking: LAN/WAN Setup and Troubleshooting.
- Operating Systems: Linux, Windows
- Software Management: Installation, Maintenance and Configuration

ACADEMIC AND PROFESSIONAL QUALIFICATION

YEAR	COURSE	INSTITUTION	ACHIEVEMENT
2024	Cybersecurity	Rift Valley Institute of Business Studies	CREDIT
2024	Diploma in ICT- Module III	Rift Valley Institute of Business Studies	CREDIT
2023	Diploma in ICT- Module II	Rift Valley Institute of Business Studies	CREDIT
2022	Diploma in ICT- Module I	Rift Valley Institute of Business Studies	PASS
2021	Introduction to computer	Rift Valley Institute of Business Studies	DISTINCTION
2017-2021	KCSE	Heshima Secondary School	C-(K.C.S.E certificate)

PROJECTS AND EXPERIENCE

➤ Chamaflow Loans Management System (2025) – Developer.

- Developed a financial management system for SACCOs and groups. Integrated user authentication to restrict access of individual financial records.
- Improved efficiency in loan approval process and financial tracking.

➤ Password Strength Checker System (2024) – Developer.

- Built a web-based system that analyzes password security levels. Integrated real-time feedback to help users create stronger passwords.
- Designed to enhance cybersecurity awareness and prevent weak passwords.

➤ Lucky Medical Center System (2024) – Developer.

- Designed a secure patient appointment scheduling system. Ensured data security by implementing encryption and access control measures.
- Enhanced efficiency in patient management for medical center.

PROFESSIONAL SKILLS

- Analytical and Critical Thinking.
- Communication and team collaboration.
- Time Management.
- Attention to detail.
- Ability to work under pressure.

HOBBIES

- Cybersecurity Research and Threat analysis.
- Programming and System Development.
- Problem-Solving and Puzzle games.
- Tech and ICT Trends.
- Travel and learning experiences.

REFEREES

1. Mary Nyambura - **Nakuru**
Contacts: **0726 163 814**
2. Peter Mwangi -**Tax consultant- Nakuru**
Contacts: **0726 209 370**
3. Peter Machamba – **Accountant – Nakuru**

Contact: **0738 661 490**