

Curriculum Vitae

NANCY WANJIKU KAMANDE

FULL STACK SOFTWARE DEVELOPER

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PERSONAL SUMMARY

A competent Software Developer with a proven track record in providing specialized implementations, administration, and management of Regulatory Information Systems and ERP solutions.

Extensive skills in software development and implementation in execution of solutions to resolve technical issues on data analysis, computerization of business operations, data security management.

Possessing excellent client support in contributing to organizations objectives through extensive analytical skills and skillsets in software development and implementation.

LINKEDIN: <https://www.linkedin.com/in/nancy-wanjiku-235906217/>

PORTFOLIO: <https://nancywanjiku.netlify.app/>

WORK EXPERIENCE

1. SOFTWARE DEVELOPER FREELANCING - UPWORK

April 2025 – Present.

Position: Software Developer

Description

- Providing software development services with a focus on **React, Next.js, Node.js, Laravel Java Spring Boot, and PostgreSQL**.
- Creating professional portfolio projects and reusable components to demonstrate capability to clients.
- Writing tailored proposals, analysing client requirements, and preparing technical approaches for Upwork jobs.
- Continuously improving code quality, testing practices, and deployment workflows to meet client expectations.

2. SOFTCLANS TECHNOLOGIES LIMITED - NAIROBI

January 2022 – March 2025

Position: Software Developer

Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks

| Project | Position/Roles | Timeline |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Development and implementation of a Botswana Medicine Regulatory Information Management System (BRIMS) | <ul style="list-style-type: none">• System developer and system trainer.• System Maintenance and Support.• Database design | January 2022-December 2023 |
| Development and implementation of Uganda Foods and Drugs | <ul style="list-style-type: none">• System developer and system trainer. | January 2024 – July 2024 |

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|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------|
| Regulatory Information Management System | <ul style="list-style-type: none"> • System Maintenance and Support. • Database design | |
| Development and implementation of a Cloud Based Low Code Dossier Submission and vet Medicines Registration System. | <ul style="list-style-type: none"> • Low Code Software developer • System trainer. | August 2024- March 2025. |

CORE COMPETENCIES AND SKILLS

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|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data & Database Management | <ul style="list-style-type: none"> • Data analytics and data management • Databases Management Systems: Structured & Non-Structured Databases (MySQL, Postgres) • Database design, query optimization, and caching strategies. |
| Low-code development | <ul style="list-style-type: none"> • Microsoft Power Apps. - Model driven and canvas app development skills. • Microsoft Power Pages. - Creation of responsive client facing portals using power pages. • Microsoft Power BI. -Analytics and statistical data reports and representation. |

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|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none"> • Microsoft Power Automate. -Automation of business process and workflows. |
| Software Development | <ul style="list-style-type: none"> • Web applications Development Using the below Frameworks and languages. • Backend Languages and Frameworks: Laravel Php Framework and Java Spring Boot, .Net. • Front End Languages and Frameworks: Angular JS, Ext JS and Next Js, React and Typescript. |
| Integration Architectures | <ul style="list-style-type: none"> • Enterprise Service Bus: REST API, OAuth, JWT, LDAP authentication and database connectors. • Third party integrations: SMS gateway, Payment Systems, and ERP integrations. • Notifications Services: SMS/Email integrations, OTP flows, and notification services. |
| Deployment Architectures | <ul style="list-style-type: none"> • System Hosting and Maintenance • DevOps tools (Git, Docker, CI/CD pipelines). |

3. THE NATIONAL POLYTECHNIC - NYERI

January 2020 – March 2020

Position: Industrial Attachment IT Technician.

IT TECHNICAL SUPPORT ACHIVEMENTS AND CONTRIBUTION

- Network management which includes, LAN and WAN configuration, Wi-Fi installations, configurations and troubleshooting.
- Installed hardware such as Servers, computers, printers and CCTV cameras. Did the troubleshooting and preventive maintenance.
- Software installations and upgrades such as O.S, Microsoft word office and Antivirus.
- Management of the school Information System (ABN and MIS).

4. NYATI PRIMARY SCHOOL - MURANG'A

August 2021- September 2021

Position: IT Technician

ACHIVEMENTS

- Teaching Basic Computer Skills.
- NEMIS Students Registration and Management.
- TPAD Teachers appraisal Task.

EDUCATION

The Dedan Kimathi University of Technology, Nyeri, Kenya.

May 2017- May 2021:

Bachelor of science in Computer science.

Relevant course work: Object-oriented Programming, Data Structures and Algorithms, Machine learning and AI, Database Management Systems, Web Application Development, Android Application Development.

Project: Developed an android application to help in church event management and Scheduling.
(JAVA ANDROID AND FIREBASE REAL-TIME DATABASE).

DeHUB hackathon 2days challenge at Dedan Kimathi University, 2019

Worked with a development team to help develop a student's attendance system using QR code (Java Android).

REFERENCES

ESTHER KIMANI

ICT Officer

The Nyeri National Polytechnic

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