

BRIAN WACHIRA

Frappe/ERPNext
Developer | ERP
Consultant | AI
Automation

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📍 Nairobi, Kenya

🔗 github.com/wxchira808

🧠 TECHNICAL SKILLS

Frappe Framework

Custom DocTypes, Workflows, Server/Client Scripts, REST APIs, Jinja templating, Hooks

ERPNext Modules

Procurement, Selling, Accounting, Stock, Manufacturing

Integrations

M-PESA (Daraja), Paystack, REST/Webhooks, n8n, AI APIs

DevOps

Linux (Ubuntu), Nginx, SSL/TLS, GCP, VPS, Bench CLI, Git

Automation & AI

n8n workflows, AI prompting, LLM integrations, Ollama

Languages

Python, JavaScript, SQL, Jinja, Java

Databases

MariaDB, MySQL, Oracle

🎓 EDUCATION

BSc Computer Science

The Catholic University of Eastern Africa
2019 – 2023

📄 PROFESSIONAL SUMMARY

Frappe/ERPNext developer with hands-on expertise in custom app development, integrations, and full ERP implementations for SMEs across Kenya (manufacturing, retail). Built production integrations including M-PESA & Biometric Systems. Skilled in n8n automation, AI and AI-powered integrations.

👜 EXPERIENCE

Freelance Frappe/ERPNext Developer & Consultant

07/2025 – Present

- Delivered 3+ end-to-end ERPNext implementations solo (manufacturing, retail, jewelry) covering requirements to go-live
- Built custom M-PESA Daraja API integration enabling automated ERPNext payment & real-time transaction sync.
- Developed custom-built eCommerce platform with bidirectional ERPNext sync (products, orders, inventory, customers)
- Architected n8n automation workflows for business process orchestration and integrated AI LLM APIs for intelligent automation
- Founded Tookio Shop (tookio.app): Frappe SaaS for Instagram sellers; self-hosted on GCP with Nginx/SSL
- Managed full server ops: GCP VPS provisioning, Ubuntu setup, Nginx reverse proxy, SSL/TLS, deployments

ERPNext Associate

03/2025 – 07/2025 | Upande

- Implemented FlowerFarms ERP: configured Stock, Procurement, Manufacturing modules with custom workflows for chemical mixing processes
- Set up Accounting module including chart of accounts configuration and statutory payroll deductions (SHIF, NSSF, Housing Levy)
- Executed data migration from legacy systems with validation, reconciliation, and integrity checks
- Integrated biometric attendance systems with ERPNext for real-time employee tracking and access control

Software Developer

03/2024 – 12/2024 | Netcom Information Systems

- Built and customized HR-based reports from Oracle DB using Eclipse BIRT; designed interactive dashboards for data-driven decision-making
- Developed full-stack Incident Management System (Java, JSF, Oracle DB) with complex SQL queries and optimized schemas
- Deployed and managed Privileged Access Management (PAM) software on Linux servers