

KENGERE GORDON NYAKUNDI

Software Engineer

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PROFILE

Software engineer with a BSc in Mathematics and Computer Science (University of Eldoret, 2021–2025), intensive bootcamp training at Moringa School, and a Cloud Practitioner certification (AWS/Azure/OCI). Proficient in Python, JavaScript, React, Flask, C#, ASP.NET Core, and Node.js, with hands-on experience building full-stack systems, AI-powered applications, and automated data workflows. Strong collaborator and analytical thinker, committed to writing clean, maintainable code and staying at the forefront of technology.

WORK EXPERIENCE

Agile Business Solution | *Intern — Software Development & Data Engineering* May 2025 – Aug 2025

- Engineered a full-stack School Management System using ASP.NET Core and React, featuring 60+ API endpoints and a robust 28-table database schema with role-based authentication.
- Developed an AI-powered document querying application utilising a RAG architecture with Qdrant vector database, enabling advanced search and data retrieval.
- Automated data workflows with n8n and implemented containerised deployment using Docker for streamlined application delivery.
- Enhanced developer productivity by 40% through React hot-reloading and comprehensive Docker troubleshooting documentation for new team members.
- Integrated Microsoft Dynamics 365 Business Central modules and Power BI solutions to support financial and operational workflows.

Art1906 Creative Shop | *Web Development & System Analysis* May 2023 – Dec 2023

- Led a team in replicating a national news website, delivering a streamlined version tailored to client requirements without backlinks.
- Delivered a cost-effective solution maintaining the essence of the original site; secured the '.co.ke' domain to align with client branding objectives.

PROJECTS

Quantum Unstoppable Trading Platform

<https://qauntumunstoppable.vercel.app/>

Developed a modern financial trading and investment platform featuring market insights, trading signals, analytics dashboards, and responsive user interfaces. Designed with a focus on performance, usability, and real-time financial data visualization using modern web technologies. (*Frontend prototype with interactive dashboards and investment-focused workflows.*)

Tech Stack: React, TypeScript, Tailwind CSS, Vite, JavaScript, Responsive UI Design.

Architectural Company Website

<https://architectural-company.vercel.app/>

Designed and developed a responsive corporate website for an architectural and construction firm showcasing company services, project portfolios, team information, and contact channels. Implemented modern UI/UX principles to improve brand visibility and customer engagement. The platform highlights architecture, planning, and design services through a clean and professional user experience.

Tech Stack: React, JavaScript, CSS, Responsive Design, Vercel Deployment.

Nandi Hackathon Website

Led a team from the University of Eldoret to secure **2nd place** at the Kenya Tourism Board & Konza Technopolis Hackathon 2026. Developed a digital tourism platform that promotes sustainable tourism in Nandi County by showcasing cultural events, adventure experiences, attractions, and local tourism opportunities.

Tech Stack: React, JavaScript, Tailwind CSS, Frontend Development, Event Platform Design.

TECHNICAL SKILLS

Languages & Frameworks: Python, JavaScript, TypeScript, React, Flask, ASP.NET Core (C#), Node.js, SQL

Databases: SQL Server, MySQL, SQLite, MongoDB, Qdrant (vector DB)

DevOps & Tools: Docker, n8n, Git, GitHub, Figma, Power BI, MS Dynamics 365

AI / ML: RAG architecture, vector search, LLM-powered applications

Operating Systems: Ubuntu, Linux Mint, Windows 11

EDUCATION

University of Eldoret	Expected 2025
BSc Mathematics and Computer Science	
Azubi Africa	Jan 2024 – Aug 2024
Certificate in Cloud Practitioner (AWS / Azure / OCI)	
Moringa School	May 2023 – Dec 2023
Certificate in Software Engineering	

REFERENCES

Jeff Ogucha — Data Scientist, Safaricom PLP
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