Lazarus Magwaro

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Professional Title

AI Automation Specialist • Full-Stack Developer • Virtual Assistant • Workflow Engineer

Professional Summary

I am an AI Automation Specialist and Full-Stack Developer passionate about using technology to simplify work and improve efficiency. I design and build intelligent automation systems that connect APIs, streamline business operations, and integrate AI models into real-world workflows. With a strong foundation in Python, cloud computing, and workflow automation (n8n), I have developed several AI-powered applications and custom automations that support businesses and individuals. My experience also includes virtual assistance, project coordination, and data management, allowing me to bridge both technical and operational needs effectively. Currently pursuing a BSc. in Computer Science at Chuka University (2021–2025), I am also a graduate of ALX's Virtual Assistant and Cloud Practitioner programs. I am a fast learner, proactive builder, and "vibe coder" who loves turning ideas into practical digital solutions.

Core Skills

Technical & Automation

- Workflow Automation (n8n, Zapier, Make)
- AI Agent Development (AutoGen, LangChain, OpenAI APIs)
- Python Scripting & API Integrations
- Cloud Management (AWS, Supabase, Firebase)
- Full-Stack Development (HTML, CSS, JavaScript, React, Supabase)
- Chatbot Development (AI + Automation Tools)
- Database Design & REST API Development

Data & Productivity

- Data Handling (Excel, Google Sheets, Python)
- Automation Design & Process Optimization
- Reporting & Documentation (Notion, ClickUp, Asana)
- Research & Data Collection

Virtual Assistance & Coordination

- Administrative & Calendar Management
- Project Coordination & Task Tracking
- Social Media Automation & Analytics
- Client Communication & Support

Experience

Freelance AI Automation Developer & Virtual Assistant   January 2023 – Present

- Developed multiple automation workflows using n8n, automating repetitive business processes and integrating APIs.
- Built full-stack systems integrating AI models, Supabase, and Python for different use cases including payments, real estate, and education.
- Designed an invoice and payment system that streamlined client billing and tracking.
- Created AI prototypes for automating email replies, task organization, and data entry.
- Assisted startups and teams with cloud management, workflow setup, and AI-powered solutions to increase efficiency.

Highlighted Projects

Invoice & Payment System
Built a system for generating invoices and tracking client payments using Supabase and Next.js, enabling seamless record management and transaction monitoring.

AI-Powered Real Estate Platform – musili-homes-phi.vercel.app
Developed an intelligent real estate website where users can explore listings enhanced with AI-assisted recommendations and interactions.

AI-Powered Pharmacy System – ai-powered-pharmacy-system.vercel.app
Created a smart pharmacy management platform integrating AI for medical guidance, inventory, and prescription tracking.

Med-AI Notes App – med-ai-kappa.vercel.app
Built a note-taking app tailored for medical and nursing students with AI-generated summaries and intelligent content retrieval.

Project Sharing Platform – portfolio-eight-henna-75.vercel.app
Developed a personal platform for showcasing and sharing projects, combining responsive design with backend data management.

n8n Workflow Systems (Various NDA Projects)
Created multiple confidential automations in n8n, covering client data collection, social media engagement, and API-based workflow coordination.

Education

Chuka University
Bachelor of Science in Computer Science   2021–2025 (ongoing)

ALX Africa
Virtual Assistant Program Graduate
Cloud Practitioner Program Graduate

Certifications

- Virtual Assistant – ALX
- AWS Cloud Quest: Cloud Practitioner

Personal Attributes

- Highly adaptable and tech-savvy

- Excellent communicator and collaborator

- Strong organizational and problem-solving skills

- Fast learner with a self-starter mindset

- Passionate about innovation and automation

- "Vibe Coder" – creative, curious, and always experimenting