

Timothy Kuria Gitau

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Professional Summary

I am a **results-driven IT professional** with a strong background in networking, full-stack web development, and AI-driven financial technologies. My passion lies in building scalable applications, smart systems, and automated solutions that solve real-world challenges. I am a self-motivated learner with a problem-solving mindset, and I thrive in both independent and collaborative environments.

Experience

Network & Systems Engineer | MikroTik / ISP Projects 2022 – 2024

- Configured and maintained MikroTik routers, implemented ISP infrastructure, and optimized bandwidth allocation.
- Ensured secure and reliable internet delivery for various enterprise clients.

Software Development Intern | Blackie Networks Company 2021

- Contributed to web application development using React, Node.js, and MySQL.
 - Assisted in creating frontend components and APIs while collaborating within agile sprint cycles.
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Education

Bachelor of Science in Computer Science | Chuka University 2022 - 2026 (Expected)

Technical Skills

- **Programming Languages:** JavaScript, TypeScript, PHP, Java, Python, C++
- **Frameworks & Libraries:** React, Node.js, Express, Spring Boot, Tailwind CSS
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Other:** MikroTik, Linux, Networking, Git & GitHub, AI Tools

Projects

AI-Powered Personal Finance Management System

- Developed a platform that uses AI to predict expenses, automate categorization, and generate financial reports.
- **Impact:** Helped users make smarter budgeting decisions, reduce spending, and achieve financial goals with confidence.

Smart Visitor Management System

- Built a system using QR codes and OCR to create a seamless and secure guest check-in process.
- **Impact:** Improved security and reduced wait times by providing real-time notifications and analytics for facility managers.

Smart Campus Management & Utility System

- Created a comprehensive platform for campus administration, including GPA tracking, attendance, fee payments, and AI-powered assistance.
- **Impact:** Enhanced student engagement and simplified administrative tasks, fostering a more connected campus environment.

Certifications

- Networking (MikroTik, ISP Setup) - 2023
- Web Development Projects (HTML, CSS, PHP, React) - 2024
- AI & Financial Systems (Self-learning + Projects) - 2025
- Kaggle Certificates (Python, Data Science Frameworks)