PATRICK LEKUMUK

IT Systems Administrator | Full-Stack & API Developer

✉ Lekumuk@live.com
● Nairobi, Kenya

SUMMARY

IT systems administrator with enterprise support experience since 2016 and hands-on development in TypeScript, React, Node.js, REST APIs and SQL. Combines Windows Server, Active Directory and network operations with application engineering, integrations and cloud deployment.

EXPERIENCE

Systems Administrator

Mozzart Bet Kenya

08/2022 – Present • Nairobi, Kenya

- Manage IT infrastructure, network connectivity, endpoints and help desk operations.
- Support VPN, system troubleshooting, application monitoring and product testing.
- Coordinate incident investigation and technical support across teams.

IT Support Specialist

Government of Kenya

2017 – 2022 • Nairobi, Kenya

- Supported 400+ desktop systems, printers, applications and network connectivity.
- Performed software deployment, device configuration and hardware troubleshooting.

Junior Network Administrator

Bliss GVS Healthcare

2016 – 2017 • Nairobi, Kenya

- Monitored networks and servers and supported hospital information systems.
- Maintained backups, preventive maintenance and network switches.

SELECTED DEVELOPMENT PROJECTS

Hotel Booking Platform
React, TypeScript, Express, MySQL; room-booking API, Paystack verification/webhooks and cloud deployment.

TravelPay
Express and MySQL booking/payment schemas; JWT authentication, hotel search, availability checks and M-PESA/Paystack workflows.

CouponPilot
React + TypeScript browser extension, coupon API retrieval, merchant listings and code-copy functionality.

Kenya Sports Odds API
Node.js/Express backend for sports odds and competitor comparison; GitHub and deployment workflow.

EDUCATION

Bachelor's Degree in Information Technology

Jomo Kenyatta University of Agriculture and Technology

2013 – 2016 • Nairobi, Kenya

STRENGTHS

☆ Problem-Solving
Infrastructure troubleshooting and API debugging.

⚡ Cross-Functional Support
Technical communication, UAT and incident coordination.

❤ Continuous Learning
Building practical applications with modern web technologies.

TECHNICAL SKILLS

Languages
TypeScript • JavaScript • SQL

Frontend
React • Vite • HTML/CSS

Backend & APIs
Node.js • Express • REST APIs • Axios • JWT • Webhooks

Databases
MySQL • PostgreSQL • Schema design • CRUD

Cloud & DevOps
GitHub • GitLab CI/CD • Vercel • Railway • Render

Payments
Paystack • M-PESA Daraja

Infrastructure
Windows Server • Active Directory • DNS/DHCP • LAN/WAN • VPN • MikroTik

Operations
Endpoint security • Help desk • Network monitoring • UAT

LANGUAGES

English • Fluent

FOCUS AREAS

Systems Administration
Backend & API Development
Full-Stack Applications
Cloud Deployment