📍 **Kenya, Nairobi +254769501328**

FELIX ELADI

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PROFESSIONAL SUMMARY

Junior Systems & Infrastructure Engineer with hands-on experience supporting production environments across Linux and Windows systems. Strong foundation in operating systems, networking, and infrastructure reliability, with practical exposure to automation, monitoring, and hardware–software troubleshooting. Known for systems-first thinking, careful diagnostics, and the ability to stabilize, document, and improve real-world technical environments.

PORTFOLIOS

🔗 **www.portfolio.felixeladi.co.ke** 🔗 **Résumé**

CORE TECHNICAL SKILLS

Programming & Automation :
- Python (automation, health checks, scripting)
- Bash (basic scripting)
- PHP (backend services)
- C / C++ (systems fundamentals)

Tools & Technologies:
- Git, GitHub Actions
- Docker (foundations)
- Wireshark
- Microsoft Azure (fundamentals)
- Google Cloud (exposure)

Backend & Platforms :
- REST APIs, Webhooks
- Laravel, FastAPI (introductory)
- MySQL, MongoDB

Operating Systems & Infrastructure:
- Linux system administration (deployment, diagnostics, performance tuning)
- Windows systems administration (OS installation, recovery, configuration)
- Network fundamentals (L2/L3, switching, routing, Wi-Fi infrastructure)
- Infrastructure monitoring and uptime management

PROFESSIONAL EXPERIENCE

Business Systems Architects Ltd — *Technical Operations Support (Internship)*

May 2025 - September 2025
Supported production infrastructure with a focus on reliability, diagnostics, and operational efficiency.

- Assisted in maintaining uptime-sensitive systems by performing OS-level troubleshooting and configuration fixes.

- Developed Python-based system health checks and basic observability scripts, reducing manual checks and improving incident response time.

- Supported deployment and monitoring of enterprise IoT infrastructure (AKCP), helping maintain high service availability.

- Assisted in implementing least-privilege access controls and RBAC policies on production systems.

- Improved internal technical documentation and troubleshooting workflows.

Daystar University — *ICT Intern, Network & Systems Operations*

2021 - 2022
Worked with the university IT and network operations team supporting campus-wide infrastructure and data center operations.

- Installed, terminated, and maintained structured network cabling across labs, offices, and academic buildings.

- Configured and monitored switches, access points, and campus Wi-Fi infrastructure, identifying outages and degraded segments.

- Participated in data center monitoring, tracking traffic, uptime, and system health.

- Refurbished and redeployed 300+ legacy desktop systems by salvaging RAM, storage, power supplies, and cabling to establish two fully functional computer labs.

- Performed mass OS deployments and upgrades (Windows 7/8/10 to Windows 11 and Linux), handling data recovery and system reconfiguration.

TECHNICAL PROJECTS & PRACTICAL WORK

Independent Systems & Software Projects

2021 - Present

Hands-on technical projects focused on understanding systems end-to-end across hardware, operating systems, networking, and backend services.

- Diagnosed and repaired hundreds of personal computing systems, resolving OS corruption, boot failures, storage issues, and performance bottlenecks across Windows and Linux.

- Built backend systems including job portals and e-commerce platforms to study authentication, RBAC, and high-concurrency patterns.

- Implemented real-world payment integrations using M-Pesa Daraja API, PayPal, and Paystack, handling secure callbacks and transaction verification.

- Developed backend services and internal tools to explore infrastructure reliability and service design.

SELECTED PROJECTS

Ela OS Portfolio (Web-Based Desktop Environment)
- Designed a Windows-11-inspired desktop environment in the browser using Next.js and TypeScript.
- Implemented complex state management for windowing, taskbar logic, and application lifecycle.
- Demonstrated systems thinking applied to frontend architecture.

Regional Career Infrastructure Platform
- Built a Laravel/MySQL platform with role-based access control to support regional job matching.
- Designed backend logic to manage multi-tenant users and permissions.

Secure Device Control (Exploratory Project)
- Explored secure device communication concepts, including command validation and cryptographic identity.
- Focused on learning system boundaries between hardware constraints and backend control services.

EDUCATION

B.Sc. Applied Computer Science

Daystar University, Kenya 2022 – 2025 (Expected Graduation: 2026)
Relevant Coursework: Operating Systems, Distributed Systems, Network Security, Data Structures & Algorithms, Compiler Design

Self-Directed Study: Linux internals, xv6 exploration, systems performance fundamentals

Diploma in ICT

Daystar University, Kenya 2020 – 2022 (Expected Graduation: 2026)
Focus: Network configuration, hardware diagnostics, systems troubleshooting

Recognition: Leadership in laboratory hardware reclamation initiatives

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Google IT Support Professional Certificate — *Google / Coursera*

Validated expertise in troubleshooting, customer service, networking, operating systems, and security.

Linux Redhat Certified System Administrator (RHCSA) — *Udemy*

Proficiency in command-line environments, shell scripting, and server-side administration.

Azure Solutions Architect & Microsoft Azure: Zero to Hero — *Udemy*

In-depth knowledge of cloud infrastructure, identity management, and virtual network configuration.

Ultimate System Administrator — *Udemy*

Practical training in managing enterprise Windows/Linux environments and server maintenance.

AVAILABILITY

Open to junior systems, infrastructure, platform operations, and technical support roles with growth into systems engineering.