# ELIJAH ONSONGO NYAMBISA

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## IT PROFFESIONAL
Proven Success in Systems Optimization, Web development and Strategic IT Solutions

Certified IT professional with strong experience managing server infrastructures and data-center operations across Unix, Linux, Windows and Mac OS X platforms. Effectively plan, install, configure and optimize IT infrastructures to achieve high availability and performance.

Proven ability to create and deliver solutions tied to business growth, organizational development and systems/network optimization. Skilled problem identifier, analyzer and troubleshooter comfortable managing systems, projects and teams in a range of IT environments.

## ———— IT SKILLS AND COMPETENCIES ————

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|---|---|---|
| ☐ LAN/WAN/NOC Administration | ☐ Technical Support | ☐ Database Design & Management |
| ☐ Project Management | ☐ Systems Installation, Configuration & Upgrading | |
| ☐ Workflow Planning | ☐ Programming | |
| ☐ Productivity Improvement | ☐ Security Solutions | ☐ Training & Mentoring |

- ☐ Strong communication skills with the ability to understand and articulate ideas verbally and written.
- ☐ A solid understanding of web applications working, security, session management, and best development practices
- ☐ Knowledge and understanding of backup technologies and data disaster recovery methods, security and integrity.
- ☐ Knowledge to design, develop, deploy and maintain web applications including CMS, ERPs, ERMS, and integration of payment gateways such as PayPal, Pesapal and MPESA.
- ☐ Knowledge of cloud computing, Apache HTTP server and Nginx HTTP server.
- ☐ Experience of VMware, windows 2003, 7,8,10, Active directory group policies, TCP/IP, DNS.
- ☐ Well acquainted with the latest web technologies such as CSS3, HTML5, JavaScript, PHP, Laravel and documentation.
- ☐ Knowledge of E-commerce applications functionalities such as shopping cart, check out, product order delivery, notifications and third-party integrations.
- ☐ Strong experience with search engine optimization and online advertising.
- ☐ Software modeling and design using unified modeling language and Agile.
- ☐ Excellent numerical data analysis skills, speed, validation and accuracy.

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───────────────────────── **TECHNOLOGY SUMMARY** ─────────────────────────

Programming Languages: PHP, Laravel, JavaScript, CSS3, HTML5, SQL,Bootstrap, WordPress, Code Igniter.
Database Systems: MySQL, MS Access, SQLITE.
Design and IDE Tools: Edraw, Visual studio, phpstorm, IntelliJ, Eclipse, Dreamweaver, Photoshop.
Office Tools: MS Word, MS Excel, MS Publisher, MS Access, MS PowerPoint, Outlook.
Operating Systems: Windows: Xp, 7,8,10, Linux: Ubuntu, Kali Linux, Mac.
Networking: TCP/IP, LAN, WAN, VPN, SSH
Server: Apache, Nginx
Hosting: VPS: Linode Hosting and digital  ocean, Windows server and Azure, Shared Hosting: Cpanel,WHM and WHMCS

───────────────────── **PROFESSIONAL EXPERIENCE** ─────────────────────

### LIBERTECH TECHNOLOGY — Narok,  2019
### Systems Administrator
### Key Contributions:

☐ Maintaining server security by using firewalls, hardening the SSH access using Fail2Ban for SSH login, enabling two factor authentication, installed SSL and doing server updates frequently.

☐ Configured Company employer's emails and secured them.

☐ Ensuring that all server hardware, operating systems, software and procedures are aligned with organizational standards and strategic business plan.

☐ Performing performance tuning, hardware and software upgrades and resource optimization as required and making recommendations for future upgrades.

☐ Supporting LANs, WANs, network segments, Internet, and intranet systems

☐ Ensuring design of system allows all components to work properly together

☐ Maintaining network and system security

☐ Troubleshooting problems reported by users and analyze and isolate issues

☐ Responsible for the preparation of ICT budgets and costs estimates

☐ Evaluating and modifying system's performance

☐ Maintaining network facilities in individual machines, such as drivers and settings of personal computers as well as printers.

☐ Responsible for system enhancement and customization to cater for new requirements

☐ Maintaining integrity of the network, server deployment, and security

☐ Ensuring network connectivity throughout a company's LAN/WAN infrastructure is on par with technical considerations .

☐ Designing and deploying networks; Maintaining network servers such as file servers, and VPN gateways.

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────── **PROFESSIONAL EXPERIENCE** ──────
## (Continued)

- □ Responsible for project management of all ICT programs being implemented.
- □ Assigning configuration of authentication and authorization of directory services
- □ Administer servers, laptop and desktop computers, printers, routers, switches, firewalls, phones, company mobile phones, smartphones, software deployment, security updates and patches
- □ Training employees across multiple departments on network operations including log-in procedures, network management software, permissions, printing issues, security and use of software.

- □ Ensuring the security of the server infrastructure by implementing industry best-practices regarding privacy, security, and regulatory compliance.
- □ Data security; by using latest data backup, restoration and recovery technologies.

### SOFTPARSE LTD — Nairobi, 2018 Systems Administrator/Network Consultant

Hired as systems administrator following initial consulting role to manage and maintain a 60+ mixed server environment (Windows/Unix/Linux), ensuring 99.9% or better uptime. Evaluate, monitor and enhance IT infrastructure with an emphasis on availability, reliability, scalability, security, data confidentiality and system integrity.

### Key Contributions:

- □ Reengineered company's systems setup, establishing automated server generation routines, optimizing system performance, installing upgrades/patches, establishing system monitoring and maintaining security protocols.

- □ Developed and hosted the company's website  https://www.softparse.com/ using HTML, CSS, Javascript, PHP, Laravel and MYSQL.

- □ Ensured that all server hardware, operating systems, software and procedures aligned with organizational standards and strategic business plan.

- □ Revamped NetBackup schedule and upgraded 15 Oracle servers. Optimized system availability and equipped company with scalable systems to support business growth.

- □ Acted as escalation point for troubleshooting advanced network/systems issues; consistently earned 100% issue-resolution scores by providing excellent service to internal and external customers.

- □ Trained employees across multiple departments on network operations including log-in procedures, network management software, permissions, printing issues, security and use of software.

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———————————————— **PROFESSIONAL EXPERIENCE** ————————————————
**(Continued)**

### ELDORET TECHNICAL TRAINING INSTITUTE — Eldoret, □ 2016 May to 2016 August   System Administrator / Tutor/Technology Team Lead/Intern

Hired as an intern to evaluate, recommend and deploy Web-based and network solutions. Provided strategic planning and project leadership over systems migration, configuration, administration, upgrades and troubleshooting initiatives.

**Key Contributions:**

□ Trained employees across multiple departments on network operations including log-in procedures, network management software, permissions, printing issues, security and use of software.

□ Trained Students across multiple programming languages including HTML, PHP,CSS, C and Java, network infrastructure, installation , security and management .

□ Directed the implementation and performance tuning of Windows 2008 Server environment for client's global operations. Delivered a major improvement over old VPN system that catapulted productivity of remote sales force.

□ Led in-house and consultant team in large-scale Linux server upgrade for multinational consulting firm, which enhanced system performance.

□ Resolved a history of problematic network failure by troubleshooting LAN/WAN connections between multiple departments.

□ Drove a 25% decrease in Web site downtime by migrating RaQ4 server sites and online stores to Linux server. Corrected server configuration problems, wrote scripts to ensure smooth server/reboot functioning and assisted with a variety of Linux-based inquiries and concerns.

□ Replaced major manufacturer's vulnerable network with robust security through joint architecture of firewall and DHCP.

□ Stabilized, expanded and protected client network and PC environment. Built new file servers to maximize Web hosting, terminal server, file/print sharing and domain-control performance.

### HUBANET ICT COLLEGE — Narok, □ 2015 May to 2015 August System Administrator / Tutor/Intern

**Key Contributions:**

□ Trained employees across multiple departments on network operations including log-in procedures, network management software, permissions, printing issues, security and use of software.

□ Trained Students across multiple programming languages including HTML, PHP, CSS, C and Java, network infrastructure, installation, security and management.

—————————————————— **PROFESSIONAL EXPERIENCE** ——————————————————
**(Continued)**

☐ Resolved network failure by troubleshooting LAN/WAN connections between multiple stores for a regional retail chain.

—————————————————— **ADDITIONAL IT EXPERIENCE** ——————————————————
Excelled in early IT career, advancing through increasingly responsible roles including:

- Kencom Runda 2019—: Installed CCTV IP Cameras and analog cameras.
- Stawisha shop 2019— Narok: installed pint of sale.
- Palmnet Technology 2019: —Nairobi: Developed and hosted company website in linode server and Apache.
- Troubleshooting various client computers, fixing issues and installing software remotely using anydesk and Team viewer.
- Kefripos Supermarket 2019—Migori: Installed and managing my developed point of sale.
- African Indigenous Agency for Development organization 2019— Narok kenya: Hosted organization emails.
- AFYAFRIKA: — 2019 Narok: Developed organization website.
- Sir Henry Sports Club—Lucky summer Nairobi, Kenya 2019:Developed and installed Point of sale using HTML, CSS, LARAVEL, MYSQL and JavaScript. Demo link: https://sale.digitalconnect.co.ke
- Platinum Credit Ltd —Narok, Kenya 2019: Networked Desktops, Laptops and Wi-Fi access.
- MARA FRONTIER — Narok, Kenya 2018: Networking and CCTV Installation.
- Gusii Institute of Technology — Kisii, Kenya Junior Systems Analyst / Desktop Support, 2018

—————————————————— **EDUCATION & CERTIFICATIONS** ——————————————————
2013 September - 2017 June
MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY— Meru, Kenya
Bachelor of Science in Information Technology (BIT)
Award: Second Class Honors Lower Division

2009 February – 2012 November
RAMBA BOYS HIGH SCHOOL – Siaya, Kenya
Grade: B+ (70 points)

—————————————————— **INTERESTS** ——————————————————

- Programming        • Tutoring        • Researching    • Preaching the gospel • Gaming

## REFEREES

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