

Knoph Oluoch Ayieko
Software Developer | IT Specialist | Certified Virtual Assistant
P.O. Box 5064 - 30100 | Eldoret, Kenya
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Portfolio: knoph.dev | Linked In: [Knoph Ayieko](#) | GitHub: [Knoph1](#)

PROFESSIONAL SUMMARY

Detail-oriented and creative Software Developer and IT Specialist with 4+ years of experience in full-stack development, IT support and virtual operations experience. Proven ability to build scalable applications, deliver user-friendly interfaces, manage IT systems, support clients remotely with top-tier communication skills, managing IT infrastructure and delivering user-centric digital services aligned with business objectives.

TECHNICAL SKILL

Software Dev: React, Next.js, Node.js, TypeScript, JavaScript, Python (Flask), Java, PHP

Databases: MySQL, PostgreSQL, MongoDB, Firebase, Supabase

DevOps & Tools: Git, Docker, Vercel, GitHub Actions (CI/CD), Figma, Jira, Trello, Notion

Systems & Networking: Windows, Android, Linux, Networking, Hardware/Software setup/installation/troubleshooting

Virtual Assistance: Calendar/Email Management & Support, Data Entry, Document editing, Digital Communication

Soft Skills: Communication, Leadership, Teamwork, Time Management, Problem Solving

PROFESSIONAL EXPERIENCE

Webmaster & Content Administrator (Remote)

Christian Life Community – Nairobi | 5th May 2025 – Present

- Maintains and updates website content, improved accessibility, responsiveness, security, and streamlines digital communications.

Software Developer (Full-Stack)

O.L Services Co. Ltd. – Nairobi | 15th March – 15th May 2025

- Built scalable web apps using Next.js, Node.js, MongoDB, led agile sprints, collaborated on UI/UX, Integrated APIs and payment gateways; optimized CI/CD with Docker & GitHub Actions.

Back-End Developer (Remote)

ALX Africa – Git-at-a-Startup | November 2024 – January 2025

- Developed secure MVP backend using Flask and SQL for Ashker Credit Solution; handled APIs, API integration, SQL optimization and deployment.

IT Technician

University of Kabianga – Kericho | September 2023 – January 2025

- Provided campus-wide hardware/software support and IT training, supported IT infrastructure and mentored UoK HealthIT Club students.

Virtual Assistant (Remote)

ALX Africa | July – September 2024

- Provided calendar/email management, document handling, remote admin support.

IT Attaché

Kenya Power & Lighting Co. – Eldoret | May – July 2022

- Assisted with SCADA systems, fiber cabling, and infrastructure troubleshooting.

Junior Developer

Laxco Inc. – Kericho | April 2020 – December 2021

- Built and maintained mobile/web applications and databases.

Entrepreneur (Café & Tech Services)

Eldoret & Kericho | December 2018 – November 2024

- Managed cybercafé operations and tech consultancy services; honed business management skills.
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EDUCATION

Bachelor of Science (Information Technology)

University of Kabianga | 3rd September 2019 – 27th October 2023

Second Class Honours (Upper Division)

Kenya Certificate of Secondary Education

St. Peter's Mumias Boys' High School | 20th February 20215 – 28th November 2018

PROJECTS

UoK Research Grants Portal: *Laravel, PHP, MySQL.*

Research funding web platform. arg.kabianga.ac.ke

NASCOP Dashboard: *React, Redux, Material UI.*

Revamped national health site, enhanced UX and SEO. nascop.or.ke

Ashker Credit Solution MVP: *Python, Flask, SQL.* Built and deployed secure fintech MVP

KMHFR Authentication & Dashboard: *React, Redux, Material UI.* kmhfr.health.go.ke

AcePapers Platform: *React, Node.js, MongoDB.*

Marketplace for writers and editors. acepaper-writers.com

Kulture Kenya Mobile App: *Flutter, Dart, Supabase*

Medical Expert System (Final Year Project:): *Java, JavaFX, MySQL.*

AI desktop app for clinical decision support

HIV Patient Reminder System: *PHP, MySQL, Twilio API*

Pesticide Stats Analyzer (Android): *Java, SQLite*

Personal Portfolio Site: *Next.js, Framer Motion, Tailwind CSS.* knoph.dev

CERTIFICATIONS

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|-----------------------------|------------------------------------|
| CCNA | Cisco (Expected Oct. 2025) |
| Front-End Development | ALX Africa (2025) |
| Certified Virtual Assistant | ALX Africa (2024) |
| AI Smarter Kit | ALX Africa (2025) |
| Back-End Development | ALX Africa (2024) |
| AI Career Essentials | ALX Africa (2024) |
| Cybersecurity Fundamentals | Kenyatta University - CISCO (2022) |

PROFESSIONAL MEMBERSHIP

Association of Computing Practitioners Kenya (ACPK)

- Professional Member since 3rd Dec. 2024

ACHIEVEMENTS

- **Winner**, UoK HealthIT 2023 Hackathon (KMhFR v3 Dynamic Website)
- **Recognized Contributor**, University of Kabianga
- **Class Representative**, University of Kabianga (2019 - 2023)
- **Founder & Pioneer Chairperson**, University of Kabianga Scouts Club

LANGUAGES

- English (Professional), Kiswahili (Fluent), Luhya (Native), Sign Language (Basic)

ADDITIONAL DETAILS

- Valid Passport: BK624775
- Valid Driving License: DL-8JVSAJ72Q

References available upon request



Software Developer | IT Specialist | Virtual Assistant

Linked In: [Knoph Ayieko](#) | GitHub: [Knoph1](#)

Portfolio: knoph.dev (Knoph1)

X-Space: [Knoph Ayieko](#)

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