Collins Steve Njagi

COMPUTER SCIENTIST | SOFTWARE DEVELOPER | NETWORK ENGINEER

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PROFILE

Computer scientist with practical experience across software development, network engineering, systems administration and IT support. Interested in building scalable systems and solving business problems through technology, with a service-minded approach shaped by public-sector and banking attachments.

EXPERIENCE

Communications Authority of Kenya | Industrial Attachment

Supported ICT operations including Windows deployment, Active Directory, Microsoft 365, domain administration, endpoint and hardware maintenance, printer and network troubleshooting, IP configuration, BitLocker recovery and user support. Gained exposure to telecommunications regulation, spectrum management, licensing, compliance, field technical inspections and stakeholder engagement.

Consolidated Bank of Kenya | Attachment, Quality Service Team

Developed experience in customer interaction, professional communication, service excellence and cross-functional collaboration, with exposure to banking operations and process improvement.

SELECTED PROJECTS

NeuroBudget | FastAPI, Python, SQLAlchemy, MariaDB, JavaScript

Personal finance application for income and expense tracking, financial summaries and analytics. The project README outlines spending anomaly analysis and an AI financial advisor.

Network Monitoring | FastAPI, Python, SQLAlchemy, Docker, SQLite / PostgreSQL

Network operations dashboard with scheduled device ping checks, latency and packet-loss history, role-based access, threshold alerts and CSV/PDF reports.

EDUCATION

Bachelor of Science in Computer Science | Moi University, Class of 2026

TECHNICAL TOOLKIT

Programming: Python, JavaScript, TypeScript, HTML, CSS, SQL | **Frameworks:** FastAPI, React, Next.js
Databases: MariaDB, MySQL, SQLite | **Networking:** TCP/IP, routing, switching, wireless, MikroTik, Huawei, Starlink deployments
IT: Windows administration, Microsoft 365, Active Directory, hardware and user support | **Tools:** Git, GitHub, VS Code, Linux