

CURRICULUM VITAE

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LinkedIn: [Philemon LinkedIn Profile](#)

GitHub: [PhilTech-Hub](#)

Portfolio: [Philemon Portfolio](#)

Professional Summary

Versatile and result-driven software developer with expertise in innovative solutions, computer networking, and full-stack development. With a Bachelor's in Business Information Technology from Multimedia University of Kenya and commercial experience, I excel in cloud computing (AWS, Azure), RESTful API design, and scalable web applications. A proactive problem-solver, I am passionate about leveraging technology to achieve business objectives. Seeking a software engineering role within a forward-thinking organization.

Core Competencies

- **Software Development:** Proficient in modern web technologies (React/Redux, Node.js) and RESTful API design.
 - **Networking:** Skilled in network configuration, security, and troubleshooting.
 - **Cloud Computing:** Expertise in deploying and scaling applications on AWS and Azure.
 - **Automation & CI/CD:** Experience with Jenkins, GitLab CI, and network automation tools like Ansible.
 - **Problem-Solving:** Rapid learner adept at solving complex technical challenges.
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Professional Experience

Network Administrator & Software Engineer | Vix Technologies

Nov 2023 – May 2024

- Optimized and secured network infrastructure, leading to a 20% reduction in downtime.
- Deployed a hybrid cloud environment, cutting operational costs by 15%.
- Automated configuration processes with Ansible, improving consistency and saving 30% manual time.
- Spearheaded a disaster recovery plan, ensuring business continuity during critical incidents.
- Collaborated across teams to deliver seamless network upgrades.

Key Achievements:

- Prevented potential data breaches during a critical network security incident.
 - Received commendation for leadership and problem-solving.
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Software Developer Intern | Njuranetco Communications

Jan 2023 – Aug 2023

- Developed scalable web applications integrating AWS S3, MongoDB, and React.
- Designed RESTful APIs for seamless frontend-backend communication.
- Configured secure cloud environments, improving data integrity.
- Conducted network diagnostics and resolved connectivity issues, boosting system efficiency.

Key Achievements:

- Reduced platform latency by 30% through load balancing techniques.

- Automated routine tasks with Python scripts, enhancing productivity.
 - Strengthened network security by deploying SSL/TLS protocols.
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Key Projects

E-Commerce Platform

- **GitHub:** [E-Commerce Platform](#)
- Developed a full-stack application enabling seamless transactions between buyers and sellers.
- Implemented payment integrations (PayPal, MPesa) for secure and diverse options.
- Leveraged Flask and PostgreSQL for backend logic and database management.

Portfolio Website

- **GitHub:** [Portfolio](#)
 - Created a personal portfolio to showcase projects, skills, and certifications.
 - Integrated Flask for dynamic content updates and responsive design.
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Skills

Programming Languages: Python, JavaScript, C++, SQL, PHP

Web Development: HTML5, CSS3, Bootstrap, React JS, Node.js, Django, Flask

Networking: Router/Switch Configuration, Firewalls, VLANs, VPNs, Network Automation

Cloud & Virtualization: AWS, Azure, Docker, VirtualBox

Tools: Git, Jenkins, Ansible, Wireshark, Nessus, Jira

Database Management: MongoDB, PostgreSQL, SQL Server, MySQL, Oracle DB

Education

Bachelor of Business Information Technology

Multimedia University of Kenya, Nairobi

Graduation: October 2023

Key Modules:

- Problem Solving with Algorithms
 - REST API Design and Development
 - Database Systems Development
 - Computer Networking and Security
 - Web Development (Frontend & Backend)
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Certifications

- MongoDB Campus Certification
 - AWS Certified Solutions Architect (In Progress)
 - Microsoft Azure Fundamentals
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Achievements & Awards

- Led network automation initiatives at Vix Technologies, saving over 40 hours monthly.
 - Winner of Nakuru West Sub-County Science Congress.
 - Chairperson of Clubs and Societies at Tumaini House School.
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Referees

Available upon request.