

## KAMAU PHYLIS WAMBUI

Nairobi, Kenya • (254)0110872854 • [phylisofficial90@gmail.com](mailto:phylisofficial90@gmail.com)

LinkedIn: <https://www.linkedin.com/in/phyllis-kamau-98b58b232/>

Github: <https://github.com/PHYLKAMAU/>

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### SUMMARY

Co-founder and Computer Science graduate with experience in fullstack development, DevOps, and cloud technologies. Skilled in Docker, Kubernetes, and CI/CD pipelines. Active contributor to an open-source social impact project focused on child protection.

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### WORK EXPERIENCE

#### DevOps Engineer, Bitz ITC | March 2025 – Present

- Deploy and manage systems using Docker containers
- Automate CI/CD pipelines using GitHub Actions
- Perform unit testing to ensure system stability
- Deploy and monitor AI models on Hugging Face

#### Quality Assurance Engineer, Bitz ITC | March 2025 – Present

- Conduct user acceptance testing (UAT)
- Manage and track issues using GitHub
- Ensure code quality and reliability through unit testing

#### Co-founder & DevOps/Fullstack Engineer, Gephub | 2023 – Present

- Lead DevOps initiatives and infrastructure planning
- Fullstack web developer
- Integrate scalable CI/CD pipelines and deployment strategies

#### Software Developer Intern, National Defense University | Apr2024 – Aug 2024

- Led the development of an inventory management system
- Revamped university website using Drupal
- Contributed to network setup and infrastructure upgrade projects

#### Web Developer Intern, Kozi Connect Ltd | Apr 2023 – Dec 2023

- Developed backend logic for a billing system
- Maintained and updated the company website

## PROJECTS

**AI-Driven Child Protection System:** [https://github.com/openchlai/ai\(contributor\)](https://github.com/openchlai/ai(contributor))

**Inventory Management System:** [https://github.com/PHYLKAMAU/INVENTORY\\_SYSTEM](https://github.com/PHYLKAMAU/INVENTORY_SYSTEM)

**Tender Management System:** <https://github.com/PHYLKAMAU/Tender-Management-System>

**Task Project Management System:** [https://github.com/PHYLKAMAU/task\\_project\\_frontend](https://github.com/PHYLKAMAU/task_project_frontend)

**Restaurant Management :** <https://github.com/PHYLKAMAU/comp231-003-Team-4-W24->

**Mobility system:** <https://github.com/PHYLKAMAU/pioneer-mobility-frontend>

**Metrics dashboard:** <https://github.com/PHYLKAMAU/metricsdashboard>

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## EDUCATION

### Bachelor of Science in Computer Science

Meru University of Science and Technology – Kenya | 2020 – 2024

### High school diploma

Gilgil girls' high school -Kenya | 2016-2019

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## TECHNICAL SKILLS

**DevOps & Cloud:** Docker, Kubernetes, GitHub Actions, Jenkins, AWS, IBM Cloud, Terraform, Ansible

**Backend:** PHP (Laravel), Java (Spring Boot), Python, REST APIs, MySQL, MongoDB

**Frontend:** Vue.js, React.js, HTML, CSS, JavaScript, Bootstrap, Tailwind

**Tools:** Git, GitHub, VS Code, Postman, Linux CLI, Hugging Face

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## CERTIFICATIONS

- DevOps Engineer (Udemy)
- Cloud Fundamentals (IBM)
- Kubernetes LFS 250(The Linux foundation)

## SOFT SKILLS

Task Oriented | Team Leadership | Strategic Thinking | Problem Solving | Excellent Communication  
Diligent & Self-Motivated

## REFERENCES:

**Dr. Amos Chege** | COD Innovation, Meru University | [dramoschege@gmail.com](mailto:dramoschege@gmail.com) | (+254) 972-60200

**CS/CPA Millicent Kamau** | Administrator | [admin@kagwekamaukaranja.com](mailto:admin@kagwekamaukaranja.com) | (+254) 723 970302

**CPT Kirani** | Deputy Director ICT, NDU-k | [info@ndu.ac.ke](mailto:info@ndu.ac.ke) | (+254) 705 507934