

Mary Kwanjiwa Kija

Computer Science Student | Software Developer | Cybersecurity Enthusiast

Contact

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Professional Summary

Resourceful 4th-year Computer Science student with hands-on experience in software development and cybersecurity. Built a production-ready waste collection app during my internship while pursuing industry certifications (ISC2 CC). Skilled in full-stack development, secure coding, and collaborative problem-solving. Seeking a tech internship to contribute and grow.

Education

Bachelor of Science in Computer Science

Mulungushi University, Kabwe, Zambia

Expected Graduation: 2026 | Current Year: 4th

Technical Skills

Development: Java, Python, Flutter, HTML/CSS, JavaScript, PHP, Git

Systems & Security: Network Administration, Firewall Config, Penetration Testing Basics, Secure Coding

Databases & Tools: SQL, UI/UX Design, Version Control

Core Competencies: Problem-Solving, Team Collaboration, Analytical Thinking, Fast Learner

Certifications (In Progress)

- ISC2 Certified in Cybersecurity (CC)
- Huawei Artificial Intelligence Certification

Professional Experience

Intern | Ratambo Innovations

Waste Collection Tech Company

- Developed a mobile application to automate waste collection operations
- Implemented secure coding practices in a team environment
- Assisted in system configuration and basic security risk identification
- Participated in full software development and testing workflows

Personal and Academic Projects

Waste Collection Mobile App | Flutter

- Built during internship to optimize collection scheduling and tracking

Security Analysis Lab

- Conducted vulnerability assessments in a controlled environment

Firewall Configuration Project

- Designed and implemented network security rules

AI Prediction Model

- Developed a model to predict health insurance costs using decision trees

Compiler in C

- Building a compiler for a custom language as part of coursework

Extracurricular

- Member, Mulungushi University ICT Club
- Trainee, Huawei ICT Competition (Network Track)
- Self-directed learning in cybersecurity and adaptive technologies