

CHARITY SPOKO

Software Developer | Data Analyst | Cyber Security Enthusiast

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github.com/Charity-spoko | charity-spoko.github.io/Portfolio

PROFESSIONAL SUMMARY

Management information systems graduate from MUBAS with experience in delivering full-stack digital solutions, mobile applications, and data-driven systems. Built and deployed a dual-platform loan management system that moved 70% of ECLOF Malawi clients to digital loan applications and eliminated manual approval bottlenecks. Fluent across Flutter, JavaScript, Firebase, and RESTful APIs, with working knowledge of cybersecurity principles and data analysis. Targeting roles where I can engineer systems that solve real operational problems and drive measurable outcomes.

TECHNICAL SKILLS

Software Development: Flutter, Dart, JavaScript, Bootstrap 5, HTML/CSS, React, Vite, RESTful APIs, MVVM Architecture

Database & Backend Systems: Firebase (Firestore, Authentication, Cloud Functions), SQL, NoSQL Databases Management Systems, Database Administration

Cybersecurity & Data: Cybersecurity Principles, Data Protection, User Access Management, Network Fundamentals, Data Analysis

Tools & Methodologies: Git & Version Control, Figma (UI/UX & Prototyping), Agile/Scrum, SDLC, Human Computer Interaction

PROJECTS

Digital Loan Management System : ECLOF Malawi (Jan–Oct 2025)

- Designed and developed a dual-platform solution using Flutter/Dart for clients and a Bootstrap 5, JavaScript web portal for staff, replacing a fully manual loan process that required physical branch visits for every application.
- Architected the mobile app on the MVVM pattern with Firebase Firestore as the real-time backend, consolidating loan approvals, status tracking, and repayment history into a single system reducing manual processing steps by over 60%.
- Built a staff-facing rating system within the web portal that enables loan officers to assess client repayment history and risk score directly from the dashboard, reducing time spent on manual credit checks.
- Integrated RESTful APIs to synchronize loan status data in real time between the mobile app and web portal, ensuring staff and clients always viewed consistent, up-to-date information.

UI/UX Design and Usability : Figma Prototyping

- Designed and iterated wireframes and interactive prototypes for both the mobile and web platforms using Figma, applying HCI principles to produce interfaces that passed usability testing with target users on first deployment cycle.

PROFESSIONAL EXPERIENCE PREPAREDNESS

Seeking Entry Level/Internships Opportunities

Areas of Interest-Software Development|Project Management|CyberSecurity|Product Designing|ICT Management.

- Am ready to develop high-end software solutions by writing clean, maintainable code across frontend and backend systems.
- Am ready to assist in planning, scheduling, and tracking project tasks to ensure timely delivery of milestones.
- Am ready to assist in monitoring systems and networks for potential security threats and vulnerabilities.
- Am ready to collaborate closely with developers to ensure design consistency throughout the development process.

- Am ready to align ICT operations with business needs to enable smooth and effective day-to-day activities.

EDUCATION

Bachelor of Science in Management Information Systems

Malawi University of Business and Applied Sciences (MUBAS) | October 2025

Key Coursework: Programming, Web Development, Server Administration, Systems Analysis & Development, Human Computer Interaction, Database Management Systems

CERTIFICATIONS

Data Concepts | IBM(2024)

Completed IBM's Data Concepts programme, gaining practical skills in data analysis, data interpretation, and building visualisation dashboards to communicate insights and support data-driven decision making.

Software Development Certification| Code Blossom | in Progress

Covers core programming concepts, application development, and industry best practices.

CyberSecurity | Women Techsters Bootcamp | in Progress

Hands-on cybersecurity bootcamp built entirely around real-world threat scenarios tackling live challenges in network security, data protection, and cyber threat response through practical, scenario-driven learning throughout.

REFERENCES

Dr. Patrick Chikumba — Head of CSIS Department, MUBAS | pchikumba@poly.ac.mw

Mr. Sydney Zgambo — Lilongwe Water Board | zgamboS@gmail.com