

JOSEPH WAMULUME

SOFTWARE DEVELOPER

+260975944213 / +260962183068

josephwamulume@gmail.com

LUSAKA

PROFESSIONAL SUMMARY

Software Developer with 4+ years of experience designing, implementing, and supporting digital platforms and integrated payment solutions in a high-volume, service-critical environment. Integrated VISA and mobile-money payment gateways with Microsoft Dynamics 365 via secure APIs, and delivered online self-service channels (applications, payments, registration, and reporting) serving 7,000+ users. Experienced across the full build-and-run lifecycle, from design and API integration through testing, deployment, and ongoing support, building secure, standards-compliant systems that improve service delivery and operational efficiency.

CORE COMPETENCIES

Application Development & Integration: full-lifecycle design and build of web platforms, REST APIs, and third-party/ERP integrations

Digital Self-Service Platforms: online application, payment, registration & reporting systems serving 7,000+ users

Payments & ERP Integration: VISA & mobile-money gateways, Microsoft Dynamics 365, secure APIs

Platform Support & Troubleshooting: maintenance, issue diagnosis and resolution for thousands of users

Testing, Rollouts & Documentation: test cases, controlled deployments, technical documentation & user guides

User Training & Stakeholder Collaboration: end-user onboarding; working with finance, academic & admin teams

TECHNICAL SKILLS

Languages: PHP, JavaScript/TypeScript

Frameworks: Laravel, Vue.js, Inertia.js, Tailwind CSS

Database: PostgreSQL, Redis

Integrations & Platforms: Microsoft Dynamics 365, Payment Gateways (VISA, Mobile Money), REST APIs

Tools: Git, Docker, Linux

WordPress: Custom plugin development

EXPERIENCE

Software Developer | Zambia Centre for Accountancy Studies (ZCAS)

October 2021 – Present

Development and maintenance of critical software applications that enhance institutional operations and user experiences, with a focus on security, integration, and automation:

- Developed and deployed online application modules supporting 5,000+ prospective student applications per semester, reducing in-person administrative processing
- Built online course registration workflows enabling 7,000+ students per semester to register digitally through the Student Information System
- Implemented an online accommodation booking platform with room selection and payment workflows for 569 hostel residents per semester
- Integrated VISA and mobile money payment gateways with Microsoft Dynamics 365 Business Central via secure APIs, automating invoice and receipt generation and improving transaction traceability

- Developed operational and student-centered reporting tools used by academic and administrative departments for data-driven decision-making
- Built a bulk messaging module supporting email and SMS communications to current, former, and prospective students for institutional notifications
- Designed and developed institutional websites for ZCAS and ZCAS University using WordPress CMS
- Developed test cases for system modules and upgrades to ensure functionality and stability prior to deployment
- Produced technical documentation for new modules and upgrades, supported user training and onboarding during system rollouts

Software Development Assistant (Internship) | Zambia Centre for Accountancy Studies (ZCAS)

April 2021 – September 2021

- Developed an interactive fees calculator for institutional websites, used by 500+ prospective students monthly and reducing finance department inquiries by 40%
- Provided technical support for the e-Learning platform, resolving 30+ issues weekly with a 95% user satisfaction rate

EDUCATION

BSc Hons, Computing | University of Greenwich | January 2020 – July 2021

Level 5 Diploma in Computing | NCC Education | July 2018 – December 2019

Level 4 Diploma in Computing | NCC Education | July 2017 – June 2018

Level 3 Diploma in Computing | NCC Education | January 2017 – June 2017

PROFESSIONAL AFFILIATIONS

Member, Information and Communication Technology Association of Zambia (ICTAZ)

PROFESSIONAL PROFILES

LinkedIn: [linkedin.com/in/joseph-wamulume](https://www.linkedin.com/in/joseph-wamulume)

Github: github.com/JosephWamulume

Portfolio Website: josephwamulume.com

REFERENCES

Mr. George Mwale

ICT Manager, Zambia Center for Accountancy Studies (ZCAS)

george.mwale@zcas.edu.zm | bakinggeorge@gmail.com | +260 977 873 573

Dr. Serah Mbewe

ICT Director, Levy Mwanawasa Medical University

Former ICT Manager, Zambia Center for Accountancy Studies (ZCAS)

serahbeza@gmail.com | +260 977 761 229

Mr. Benjamin Mpolokoso

Former ICT Manager, Zambia Center for Accountancy Studies (ZCAS)

ben.mpolokoso@gmail.com | +260 975 190 740