

Wana Warren Muhanga

Computer Engineer (B.Eng Computer Science) focused on production-grade systems.

wmuhanga14@gmail.com | +260 960397635 | Lusaka, Zambia

PHOTO

Professional Summary

I design and ship reliable backend services, data-heavy platforms, and high-performance web applications. My work focuses on measurable product outcomes and clean engineering execution.

Education

Degree · Bachelor of Engineering in Computer Science

DMI S.T Eugene · Class of 2023

IGCSE · Cambridge IGCSE

Simba International School · Class of 2016

Experience

Software Engineer · Your Company (2024 - Present)

- Built serverless APIs and improved critical endpoint latency by 40%.
- Implemented robust PostgreSQL query patterns with clear performance baselines.

Backend Engineer Intern · Your Team (2023 - 2024)

- Developed event-driven services for internal workflow automation.
- Shipped observability upgrades that reduced triage time during incidents.

Projects

Realtime Logistics Control Tower

Operational platform for dispatch, route monitoring, and SLA visibility across delivery regions.

Impact: Improved shipment visibility and reduced response time for operational incidents.

Tech: Next.js, PostgreSQL, Redis, Docker

Secure Document Pipeline

Automated ingestion and verification workflow with encryption and traceable audit history.

Impact: Reduced manual processing effort while strengthening compliance controls.

Tech: TypeScript, Node.js, PostgreSQL

Certifications

AWS Certified Cloud Practitioner

Amazon Web Services · 2024-08-15

Validated foundational cloud architecture, security, and cost optimization knowledge.

Credential: <https://www.credly.com> | Document copy: Available

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Google Professional Cloud Developer

Google Cloud · 2025-02-20

Demonstrated practical cloud-native application design and delivery on Google Cloud.

Document copy: Not uploaded

Skills

Data: PostgreSQL, Redis, Prisma

Languages: TypeScript, JavaScript, Python, SQL

Platform: Next.js, Node.js, Docker, Linux

Quality: Testing, CI/CD, Monitoring, System Design

Links

GitLab: <https://gitlab.com/waxxen>

LinkedIn: <https://www.linkedin.com/in/wana-muhanga>

Company Snapshot

LogicVerse Technology Enterprise: Product engineering and systems delivery for modern businesses.

We design, build, and operate reliable software products with strong engineering execution across web, backend, and data platforms.