

Keabetswe Mmakola

Software Engineer

[My LinkedIn Profile](#)
[My Portfolio](#)

Tech Stack

DevOps Specialist, Data Engineer, and Solutions Architect focused on designing scalable, highly resilient mission-critical platforms. Skilled in navigating intricate backend challenges, engineering robust data solutions, automated continuous integration pipelines, and dependable cloud environments.

Passionate about driving technical innovation, serving as founder and chief architect behind Kleva Academy, an advanced AI-driven educational initiative transforming learning resources for South African learners.

Languages: Python, SQL, Java, Bash

Cloud Platforms: AWS, Azure, Google Cloud Platform (GCP)

Databases & Storage: PostgreSQL, Snowflake, BigQuery, AWS S3

DevOps & Infrastructure: Terraform, Ansible, Docker, Kubernetes

CI/CD & Version Control: GitHub Actions, GitLab CI, Jenkins

Data Processing & Orchestration: Apache Spark, Apache Kafka, dbt, Apache Airflow

Observability & Monitoring: Prometheus, Grafana

Architecture & System Design: Microservices, Event-Driven Architecture, REST, GraphQL

Education & Certificates

WeThinkCode_ / Advanced Diploma in Software Engineering
September 2024- December 2025

Microsoft /DP-700: Implementing Data Engineering Solutions using Microsoft Fabric

Microsoft /DP-900: Microsoft Azure Data Fundamentals

Microsoft /AZ-900: Microsoft Azure Fundamentals

Microsoft /AZ-105: Microsoft Azure Administrator

Microsoft /AZ-350: Microsoft Azure Solutions Architect

Microsoft /AZ-400: Designing and Implementing Microsoft DevOps Solutions

Work Experience

Cashit (MAVUMA ENTERPRISE (PTY) LTD) / Intern Software Engineer

February 2026 - July 2026

- Building, extending and testing go to market infrastructure readiness.

Cashit (MAVUMA ENTERPRISE (PTY) LTD) / Infrastructure Lead

August 2026 - Present

- Responsible for the availability, capacity, resilience, configuration and lifecycle management of Cashit's core infrastructure
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