

# SIPHO NDLOVU

Senior Systems Engineer

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## Professional Summary

Dedicated and results-driven Systems Engineer with over 6 years of experience in designing, deploying, and maintaining robust cloud infrastructure and enterprise networks. Specialises in automated provisioning, CI/CD pipelines, and high-availability systems using virtualised infrastructure and modern DevOps practices.

## Employment History

**Lead DevOps Engineer**  
Synapse Technologies  
Rosebank, Johannesburg

Jan 2023 – Present

- Led the migration of legacy database infrastructure to Vertex Cloud, reducing operational overhead by 25%.
- Designed and maintained CI/CD deployment pipelines using GitLab CI/CD, reducing build-to-deploy times by 40%.
- Implemented comprehensive monitoring and alerting systems using Prometheus and Grafana.

**Systems Administrator**  
Nexa Solutions  
Sandton, Johannesburg

Feb 2020 – Dec 2022

- Managed and monitored a hybrid server infrastructure comprising 120+ Linux and Windows servers.
- Automated routine system backups and log rotations using Python and Bash scripting.
- Achieved and maintained 99.9% uptime of core business services through proactive patch management.

## Education

**BSc in Computer Science**  
University of the Witwatersrand  
Major in Software Engineering & Networking

2017 – 2019

**National Senior Certificate (Matric)**  
Parktown Boys' High School  
7 Subject Distinctions, including Mathematics & IT

2016

## Personal Details

**ID Number:** 960815 5123 08 4  
**Citizenship:** South African Citizen  
**Languages:** English, isiZulu, Afrikaans  
**Driver's License:** Code B (Light Vehicle)  
**Availability:** 30 Days Notice

## Technical Expertise

- Docker & Kubernetes
- Terraform (IaC)
- GitLab CI/CD & Actions
- Linux / RHEL / Ubuntu
- Python, Bash & SQL
- Cloud: Vertex, AWS

## Contactable References

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**Ms Lerato Molefe**  
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