

Sinalo Genukile

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📍 12 Usundu Street, Sunset Bay, East London, 5201 | Nationality: South African

Languages: English, IsiXhosa | Driver's License: Code C1 | Availability: Immediately | Willing to Relocate: Yes

Professional Summary

Computer Science graduate with strong skills in programming, cloud computing, and machine learning, complemented by a foundation in GIS. Experienced in developing software solutions, automating workflows, and applying AI/ML to solve real-world problems. Skilled in Python, Java, C++, and AWS cloud technologies, with certifications in cloud computing, AI, and machine learning. Seeking opportunities in software development, cloud engineering, or AI/ML roles.

Education

- BSc Honours in Applied GIS and Remote Sensing – University of Fort Hare (2021)
- BSc Computer Science and GIS – University of Fort Hare (2020)

Core Skills

- Programming: Python, Java, C++, R, JavaScript, C#
- Cloud: AWS Cloud (Compute, Databases, Networking, Security, Serverless, Storage)
- Machine Learning: Generative AI, DeepRacer, ML Foundations
- Databases: SQL, Oracle, PostGIS
- Software Development: Data structures, algorithms, software engineering principles

Relevant Experience

- Automated GIS and data processing workflows using Python.
- Developed ML-based models for spatial data analysis.
- Conducted teaching and tutoring in Computer Science topics.

Certifications (CS-Focused)

- AWS Educate Introduction to Generative AI (2025)
 - AWS Educate Machine Learning – DeepRacer (2025)
 - AWS Educate Machine Learning Foundations (2025)
 - AWS Educate Cloud 101 (2025)
 - AWS Educate (Cloud Ops, Compute, Databases, Networking, Security, Serverless, Storage) – 2025
 - CHPC/NITheCS Coding Summer School – Python, Machine Learning, Deep Learning (2023)
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References

Available upon request.