

Sicelumusa Gabuza

501 Oupa Moeti Street, Umfeyaneni, Tembisa, 1632

Work experience

Educator at Mqedandaba High School

2016 – 2018

- Substituted for Physical Sciences and Mathematics, extending a 3-months contract to over 2 years due to exceptional work and improved student performance.
- Developed tailored lesson plans, engaged with parents for optimal learning environment, and actively contributed to department meetings and progress reports

Process Controller at Rand Refinery

2013 – 2015

- Played a pivotal role in the gold fabrication project, overseeing equipment installation, testing, and production line optimization, resulting in a successful project handover.
- Thrived in collaborative team projects, quickly adapted to new technologies (PLC applications), and provided training and mentorship to production operators.

Software Engineering Projects

Simple Shell

A streamlined command-line interface designed for users to engage with the Linux operating system. This minimalist interface facilitates the execution of fundamental commands, such as `pwd`, `ls`, `ls-al`, `cat`, `echo`, `exit`, etc, offering a user-friendly entry point into the world of Linux command-line interactions. Technology stack: C

AirBnB_Clone

A comprehensive endeavor to hone web development skills by crafting a full-fledged website from the ground up. This hands-on project encompasses back-end, front-end and devops, providing a holistic learning experience. Technology stack: Python, HTML, CSS, JSON, MySQL/SQLAlchemy

Aquaponics Academy

A static yet fully responsive front-end web page with a background video for wide screens and a picture for mobile devices to ensure a seamless UX. Leveraging Bootstrap for features like scroll spy and carousel to add a layer of interactivity and design consistency. Technology stack: HTML, CSS and Bootstrap

Contacts

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www.github.com/Sicelumusa1

Portfolio: <https://gabuza.tech>

Education

B-tech in Extraction Metallurgy
University of Johannesburg

2008 – 2012

Courses

Software Engineering
Alx Africa
2023 – Current

Skills

Languages:
C, Python, HTML, CSS, Sass, JavaScript

Frameworks and Libraries:
jQuery, Bootstrap 5, SQLAlchemy

Databases:
MySQL

Version Control:
Github

Operating Systems and Server Software:
Linux(Ubuntu), Windows, Nginx, HAproxy

Text editors:
VS Code, Bracket, vi