Spheleke Ntshona

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Personal Profile

Driven Software Developer and Data Analyst with expertise in Python, .NET, Power BI, SQL, and Azure. Skilled in developing full-stack applications, automating workflows with Power Automate, cleaning and transforming data for creating interactive dashboards.

Education

Walter Sisulu University   *Potsdam, East London*

Diploma in ICT in Application Development   *Feb 2020 - Nov 2023*

- We were developing systems from websites, desktop apps to mobile applications
- Nominated for Class Representative for 2 years.
- **Courses:** Development Software, Technical Programming, Information Systems and Computer Architecture.

Umtata Christian School   *Southernwood, Mthatha*

High School   *Jan 2014 - Nov 2019*

- Specialised in Physics, Chemistry, and Mathematics Pure with Geography

Work Experience

CapaCiti   *Salt River, Cape Town*

Ardagh Intern- Data Analyst   *Mar 2024 - Mar 2025*

- Developed an Employee Management Time System to clock employees in and out of work. The system also tracks the productivity of employees and work hours. The data is later displayed in a Power BI dashboard.
- My current specialization is in Data and BI, where I am gaining advanced skills in data analysis, business intelligence, and data management.
- **Technical Skills:** Python, Power BI, Tableau, Excel, Power Automate.
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills, Leadership

Projects

Yard Cleaning Service Web App   *Salt River, Cape Town*

CapaCiti   *Jan 2025 - Feb 2025*

- This web application allows users to request yard cleaning services by selecting a date, time, and service type.
- The system automates service requests, stores user profiles, and sends email confirmations for accepted or declined requests.
- The admin dashboard enables service providers to manage orders efficiently.
- **Technical Skills:** Django(Python), HTML, Bootstrap
- **Soft Skills:** Time Management, Problem-solving, Presentation skills, Adaptability.

University Success Rate and Influencing Factors Dashboard   *Salt River, Cape Town*

CapaCiti   *Sep 2024 - Oct 2024*

- Developed an interactive dashboard visualizing university's success rate and key influencing factors, including faculty, staff, and funding. Utilized Excel for data preparation and Power BI for dashboard creation.
- **Technical Skills:** Excel and Power BI.
- **Soft Skills:** Presentation skills, Leadership, Teamwork, Logical Thinking.

Candidate Performance Dashboard   *Salt River, Cape Town*

CapaCiti   *Aug 2024 - Sep 2024*

- Developed an interactive Power BI dashboard to visualize and analyze candidate performance data across diverse groups. This tool tracks progress, identifies challenges, and incorporates team leader feedback for comprehensive evaluation. Leveraged Excel for data preparation and Power Automate for automated reporting.
- **Technical Skills:** Excel, Power BI and Power Automate
- **Soft Skills:** Visual Communication, Logical Thinking, Critical Thinking.

Skills

Programming	Python (Django), .NET, Java, HTML/CSS, JavaScript, Bootstrap.
Miscellaneous	SQL, SQLite, Power BI, Tableau, Power Automate, Excel, Github.
Soft Skills	Time Management, Teamwork, Problem-solving, Critical Thinking, Engaging Presentation, Collaboration.