

# LWAZI CEKISO

FULL STACK DEVELOPER

## CONTACT

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## SKILLS

- Programming:** C#, ASP.NET, React, Python, SQL, R
- Software Development:** Full-stack development, system analysis, UML diagrams, UI/UX design
- Data Analysis & Visualization:** R, Excel, tidyverse, ggplot2
- Tools & Platforms:** Microsoft Office, PocketBase, Figma, API Integration
- Leadership and facilitation of productive discussions in team setting.

## LANGUAGES

- English (Fluent)
- IsiXhosa
- IsiZulu

## REFERENCE

**Donald Johnson**  
Sanipipe Engineering Managing Director



## PROFILE

Honours student in Informatics with a strong background in full-stack development, system analysis, and data-driven decision-making. Passionate about leveraging technology to solve real-world problems, optimizing processes, and ensuring operational efficiency. I thrive in dynamic environments that require analytical thinking, technical expertise, and continuous learning. Eager to contribute to challenging projects where I can apply my skills and expand my knowledge in IT systems and infrastructure.



## WORK EXPERIENCE

**Sanipipe Engineering Services, South Africa**  
General Assistant | Nov 2024 - Feb 2025

- Assisted in risk mitigation and cost analysis, ensuring optimized resource allocation.
- Captured and processed invoices with strong attention to detail and accuracy.
- Developed Excel-based tracking systems for financial reporting and budget monitoring.
- Contributed to project planning and cost control, supporting data-driven decision-making.



## EDUCATION

**Bachelor of Informatics Honours**  
Stellenbosch University  
2025 (In Progress)

**BA Humanities (Informatics Major)**  
Stellenbosch University  
2022- 2024

**Foundational C# Certification with Microsoft**  
freeCodeCamp  
Credential ID: lwazicekiso-fcswm  
[View Credential](#)

## PROJECTS

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### Student Administration System (React, SQL, PocketBase)

- Designed a system to manage student applications and records, enhancing administrative efficiency.
- Followed the **Software Development Life Cycle (SDLC)** by first conducting business analysis, creating UML diagrams, wireframes, and prototypes, then developing a full Business Requirements Document (BRD) before building the application.
- **Led team meetings** to brainstorm ideas, ensuring discussions were productive and that all voices were heard.
- **Evaluated trade-offs** in feature implementation to ensure the system met user requirements while remaining efficient and scalable.
- Utilized React Admin, SQL, and authentication systems for secure data handling.

### Exploratory Data Analysis & Visualization (R)

<https://github.com/Lwazicekiso/Exploratory-Data-Analysis>

- (Cleaned and analyzed customer purchase trends and Olympic data.
- Used ggplot2 and tidyverse to visualize insights and customer spending patterns.