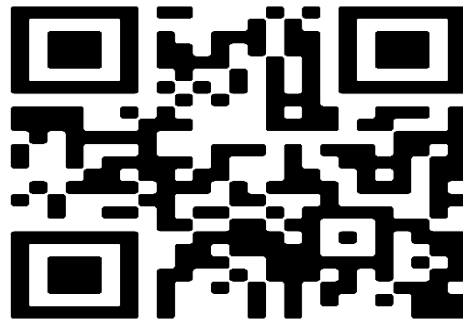


CURRICULUM  
VITAE  
  
OF  
  
ZUKISA NXESI



## CONTACT

PHONE:071 6644892

Email: [zukisanxesi4@gmail.com](mailto:zukisanxesi4@gmail.com)

Residential Address

122 Cuckooshrik

Rabie ridge/ Midrand

1688

## Links to account

GitHub Account:

<https://github.com/ZukisaNxesi>

LinkedIn profile:

[\(4\) Zukisa Nxesi | LinkedIn](#)

Virtual CV:

<https://zukisanxesi.github.io/virtual-cv/>

North West University

In process: Final year student (2025)

Bachelor of Science in Information Technology (BSC IT)

Mvenyane Senior Secondary School

Completed: 2022

Matric (Grade12)

## PROJECTS AND EXPERIENCE

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### Aspiring system design and software

- Designed and implemented multiple small-scale systems as part of coursework, using **Java, C++, and C#**.
- Developed and maintained **SQL databases** for academic projects, capable of writing complex queries and working with relational database systems.
- Applied **data structures and algorithms** in solving programming challenges and building efficient software.
- Built and tested applications in **C#** using object-oriented programming principles.
- Worked with **computer networking tools** such as Packet Tracer to simulate and design networks for various use cases.
- **Developed a Java application** using **Object-Oriented Programming (OOP)** principles, including class inheritance, encapsulation, and polymorphism. The app featured a user-friendly interface and handled real-world functionality

### TECHNICAL SKILLS

- **Programming Languages:** Java, C++, C#, Python, SQL
- **Web & Software Development:**
  - Object-Oriented Programming, GUI development, system design
  - GUI Development (Windows Forms, WPF)
  - Web Development using C# ASP.NET
  - System Design
- **Databases:** SQL (MySQL), Database design and management. SQL (MySQL, SQL Server)
  - Database Design & Management
  - Query Optimization
- **Networking:**
  - Cisco Packet Tracer
  - Network simulation and design

Networking Fundamentals (TCP/IP, DNS, HTTP, etc.)

- **Tools:**  
Git  
Visual Studio  
Version Control with GitHub
- **Concepts:**  
System Design & Architecture  
Software Engineering Principles  
Multithreading & Parallel Programming (C++, C#, Python)
- **Frameworks & Technologies:**  
C# ASP.NET Core  
Windows Forms Development  
Data Structures & Algorithms

## SOFT SKILLS

**Problem-Solving:** Able to analyse and break down complex problems efficiently

**Team Collaboration:** Experienced in group projects and Agile-style teamwork

**Communication:** Clear and effective in both written and verbal communication

**Adaptability:** Quick learner, able to pick up new tools, languages, and technologies

**Time Management:** Balances multiple academic deadlines and projects successfully

**Attention to Detail:** Focused on writing clean, readable, and maintainable code

**Self-Motivation:** Passionate about technology with a proactive attitude toward learning and development

## REFERENCES

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**Available upon request**