

SIYAMTHANDA AMAHLE BUTHELEZI

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<https://github.com/Siyamthanda-code>

Profile

Motivated and detail-oriented Management Information Systems graduate with a strong academic foundation in Information Systems and Computer Science. Passionate about leveraging technology for innovative solutions and business growth, with a keen commitment to continuous learning and professional development.

Technical Skills

- Languages & Frameworks: Python, JavaScript, HTML, CSS, jQuery, Tkinter, NumPy, Numexpr, React, Backpack, API
- Web Development: GitHub Pages, EmailJS, Responsive Design
- Data: Data Analysis, Database Design (SQL, Firebase, NeonDB PostgreSQL)
- Tools & Platforms: Visual Studio, VS Code, Power BI, Microsoft Office, Git, Packet Tracer, OneDrive
- Operating Systems: Windows, Basic Linux
- Networking & Security: Network Simulation (Cisco Packet Tracer), Introductory Cybersecurity Principles
- Version Control & Collaboration: Git, Microsoft Teams
- Customer Support: Help Desk Basics, Troubleshooting

Soft Skills

- Problem Solving | Adaptability | Team Collaboration
- Time Management | Customer Service | Initiative
- Continuous Learning | Strong Work Ethic

Education

Bachelor of Commerce in Management Information Systems
University of Zululand | February 2022 - November 2024

Activities and Interests

- Software & Web Development • System Design & Architecture • AI/ML Exploration
- Information Security • Entrepreneurship • Music Production

Extra-Curricular Experience

Skyscanner Front-End Software Engineering Virtual Programme| Forage | August 2025

- Completed a job simulation where I built a web application using React as a front-end engineer at Skyscanner.
- Developed a page for picking a travel date using Skyscanner's open-source Backpack React library.
- Customised my application and ran automated tests to ensure it rendered properly.

Commonwealth Bank Introduction to Data Science| Forage | August 2025

- Completed a job simulation involving Data Management skills for Commonwealth's Data Science Team.
- Demonstrated proficiency in creating data engineering pipelines to aggregate and extract valuable insights from datasets, optimizing data-driven decision-making.
- Acquired skills in anonymizing personal data within datasets, ensuring compliance with data privacy regulations.
- Proposed effective data analysis approaches, particularly related to social media, and demonstrated the ability to design well-structured databases for efficient information management.

Relevant Certifications

Introduction to Packet Tracer - Cisco Networking Academy (10 March 2023)

SQL and Relational Databases 101 - Cognitive Class (12 March 2024)

NDG Linux Unhatched - Cisco Networking Academy (20 August 2024)

JavaScript Essentials 1 – Cisco / OpenEDG (23 January 2025)

Introduction to Cybersecurity - Cisco Networking Academy (29 April 2025)

IT Customer Support Basics - Cisco Networking Academy (12 May 2025)

Experience

Part-Time Sales Associate | The HUB | (2024 - 2025)

- Delivered excellent customer service and operated POS systems.
- Managed inventory, performed IBT transfers, and supported marketing displays.
- Handled stock logistics, including heavy lifting and organization.

Construction Team Member (Temporary) | The HUB | Feb – March 2025

- Assisted with store renovation, painting, and logistics.

References

Ms. Nhlanhlehle Simelane - HOD Science, King Dinuzulu High School | 083 760 2351

Mr. Samuel Taiwo - Lecturer, University Of Zululand | 083 280 1027

Ms. Desiree - Assistant Manager, The HUB Store | 084 317 7001