

ANELE LUCIA MADIBA

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[LinkedIn](#) | [Github](#)

PROFESSIONAL SUMMARY

Computer Science graduate with strong foundations in software development, systems analysis, and database-driven application design. Experienced in developing structured systems using C++ and C#, including booking management and adaptive logic-based applications. Skilled in SQL, Python, and data visualization tools, with additional exposure to data analytics through professional certifications and virtual experience programs. Seeking an Information Technology Internship to apply technical, analytical, and problem-solving skills in system development, IT operations, and business support environments.

EDUCATION

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- **Bachelor of Science in Computer Science and Information Technology**, University of KwaZulu-Natal
Completed : 2025
 - **Matric Certification**, Siyanda Secondary School
Completed : 2021

PROJECTS

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|---|---------|
| Online Booking System – Driving School Academy | 01/2025 |
| <ul style="list-style-type: none">• Designed and deployed a booking system with receptionist and student self-service modules.• Integrated SQL database for managing student records and bookings.• Delivered a functional prototype that improved scheduling efficiency. | |
| Story-Based Adaptive Quiz Game | 01/2025 |
| <ul style="list-style-type: none">• Built an interactive quiz game with branching logic and progressive difficulty.• Applied data structures and algorithmic thinking to manage adaptive pathways.• Achieved an 89% project score, demonstrating strong problem-solving and coding skills | |

SKILLS

Technical Skills: SQL, Python, Power BI, C++, Java, HTML, CSS, Databases, Systems Analysis, Software Development , Microsoft Office(Excel, Word, PowerPoint, and Outlook), Data Capturing

Professional Skills: Attention to detail, analytical thinking, problem-solving, communication, teamwork, documentation, adaptability, time management, work ethic, computer literacy, willingness to learn

ADDITIONAL TRAINING & CERTIFICATIONS

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- Full Stack Development – FNB App Academy (07/2025)
 - Data Analytics Virtual Experience – Forage (06/2025)
 - Microsoft AI Fluency – Microsoft (05/2025)

- Data Analytics Program – Women Techsters Launchpad (03/2025)
- Basic HTML – SoloLearn (12/2023)

ADDITIONAL INFORMATION

- Available for graduate opportunities
- Willing to relocate for suitable opportunities
- Eager to learn new technologies and develop professional
- Comfortable working independently and collaboratively

REFERENCES

Available upon request