

NTUTHUKO MAPHALALA

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OBJECTIVE

I am a dedicated Computer Science and IT graduate with practical experience in Azure Cloud Computing, environmental education, and data and IT development. I excel in collaborating with stakeholders, managing time efficiently, and delivering innovative solutions. My skill set includes proficiency in multiple programming languages and cloud technologies.

SKILLS AND ABILITIES

- Java
- Python
- C#
- PHP
- HTML and CSS
- Artificial Intelligence and Machine Learning
- Azure Cloud Computing
- Web Development
- Field Research
- Windows and MacOS
- System Development Life Cycle (SDLC)
- Time Management
- Database Management
- Critical Thinking
- Communication
- Team Collaboration
- Adaptability
- Project Management
- Excel and R Language
- Statistical Analysis

EDUCATION

University of KwaZulu-Natal, Pietermaritzburg, 3201
Bachelor of Science in Computer Science and Information Technology
Graduated: 05.2023

EXPERIENCE

Data and Information Technology Development Intern (Eucalyptus Tree Improvement)

Institute for Commercial Forestry and Research (ICFR), Pietermaritzburg, 3201

08.2024 – Present

- Gathering data from various sources, including fieldwork and remote sensing, to support research objectives.
- Maintaining and updating databases to ensure data accuracy, integrity, and accessibility.
- Applying statistical methods to analyse research data and interpret results.
- Conducting fieldwork to collect samples and data in diverse and challenging environments.

BMW YES PROGRAMME (Orient Heights Primary School)

March 2024 - July 2024

Afrika Tikkun Services (Pty) Ltd, Pietermaritzburg, KwaZulu-Natal

- Engaging in environmental education activities.
- Utilizing a computer to record learners' marks in the South African School Administration and Management System (SA-SAMS).

MICROSOFT INTERPROVINCIAL APPRENTICESHIP (AZURE CLOUD ARCHITECT)

September 2023 - March 2024

Deviare, Pietermaritzburg, KwaZulu-Natal

- Learning and gaining expertise in Azure cloud technologies and practices.
- Use Microsoft Azure cloud services.

CERTIFICATION

- Virtual Global Apprenticeship in Cloud Computing
- R for Data Science
- Azure Cloud Architect
- ICDL Profile Certificate

REFERENCES

Available on request