

NOMFUNDO MASILELA

ADDRESS: 400 VISAGIE, KLINKENBERG GARDENS, PRETORIA, 0001

EMAIL:

nomfundomasilela1@gmail.com | 0721896242(PRIMARY)/0616757224

As a final-year Information Technology student majoring in Software Development at Tshwane University of Technology, I bring a passion for technology and a keen eye for detail to the table. My academic journey has equipped me with a strong foundation in software development principles, programming languages, and problem-solving skills. I am eagerly seeking an internship opportunity to gain valuable industry exposure and further hone my practical skills. With a dedication to continuous learning and a drive to excel, I am committed to making a meaningful contribution to the IT field while expanding my horizons.

PERSONAL INFORMATION

Full names	:	Nomfundo Masilela
Gender	:	Female
Nationality	:	South African
Languages	:	English, Siswati, Sepedi, IsiZulu

EDUCATION

Tertiary	2019 January – 2023 December
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Institution	:	Tshwane University of Technology
Course	:	National Diploma in Information Technology
Specialization	:	Software Development

Matric (NSC)	2018 January - 2018 December
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Institution	:	Tinhlonhla Secondary School
Major subjects	:	Mathematics and Physical Sciences

WORK EXPERIENCE

Work-Integrated Learner

2024 January - 2024 December

- 4IR Research Lab - Tshwane University of Technology Researched Emerging Technologies. Studied new technologies like AI to understand their potential uses.
 - Conducted projects and helped design and implement projects using 4IR technologies, working closely with the Professor.
 - Worked in Teams collaborated with experts from different fields to contribute to research and innovation.
 - Tested prototype software assisted in developing and testing software systems, providing feedback for improvements.
 - Presented findings and shared research progress and findings with lab members and faculty in presentations.
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VOLUNTEER WORK

Part Time Maths Tutor

2019 November - 2022 April

It Takes a Village Education Centre (ITV)

- Facilitate mathematics and physical science classes
 - Assess and moderate through homework and tests
 - Community engagement
 - Ensuring a safe environment for kids to learn
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TECHNICAL SKILLS AND PROFICIENCIES

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|------------------------|---|----------|
| • C++ | - | Advanced |
| • JavaScript | - | Advanced |
| • HTML and CSS | - | Advanced |
| • SQL | - | Moderate |
| • Python | - | Moderate |
| • Django | - | Advanced |
| • Bootstrap | - | Moderate |
| • Microsoft Word | - | Advanced |
| • Microsoft Excel | - | Advanced |
| • Microsoft PowerPoint | - | Advanced |
| • MYSQL | - | Advanced |
| • NumPy | - | Beginner |
| • Pandas | - | Beginner |

HOBBIES

- Coding
 - Machine Learning
 - Creating Websites
 - Short Courses
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PROJECT HIGHLIGHTS

- Audio and Image Analyser
- Resume Analyser
- Sign-to-indigenous language translator
- E-commerce website

REFERENCES

Name	:	Prof Pius A. Owolawi
Organisation	:	4IR Research Lab -Tshwane University of Technology
Title	:	Professor
Email	:	owolawipa@tut.ac.za

Name	:	Mr Craven Klaas Lepota
Organisation	:	Tshwane University of Technology: Com. Science Department
Title	:	Lecturer/ WIL (Work Integrated Learning) Coordinator
Contacts	:	0129829749
Email	:	LepotaCK@tut.ac.za

Name	:	Mr T Modisane
Organisation	:	It Takes A Village Education Centre (ITV)
Title	:	Co-founder
Contacts	:	0722501892
Email	:	ITVmathematics@gmail.com