

LUNGILE SAMBO

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21 March 2004 | South African

PROFILE

I am a dedicated and passionate Computer Science student at Tshwane University of Technology, with a strong foundation in software development and a deep interest in emerging technologies. I strive to contribute meaningfully to the 5th Industrial Revolution by leveraging modern tools and programming skills to build solutions that improve everyday life.

My strengths lie in critical thinking, logical reasoning, and a relentless drive for self-improvement. In a recent student accommodation project, I led the technical design and implementation of a user-friendly application that simplifies the allocation process, showcasing my ability to apply theoretical knowledge to practical problems.

EDUCATION

Tshwane University of Technology

Diploma in Computer Science (Extended)
2022 – Present

- Top Achiever for 2022, 2023, and Jan 2023 – Jun 2024
- Consistently ranked among top-performing students in the Faculty of ICT

Pretoria Central High School

National Senior Certificate (Grade 12)
Completed in 2021

TECHNICAL SKILLS

Programming Languages & Frameworks:

Python, Java, Kotlin, JavaScript, TypeScript, HTML, CSS, React, Next.js, SQLAlchemy, FastAPI

UI/UX & Design Frameworks:

Material UI (MUI), Bootstrap

Databases:

PostgreSQL, SQL

Software Engineering Concepts:

Software Development Life Cycle (SDLC), SOLID Principles, Operating Systems

Containerization & Deployment:

Docker

Development Tools & Environments:

Git, Linux, Visual Studio Code, PyCharm, NetBeans

SOFT SKILLS

- Effective communication
 - Strong analytical and problem-solving skills
 - Attention to detail
 - Teamwork and collaboration
 - Adaptability and eagerness to learn
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WORK EXPERIENCE

Student Assistant

Tshwane University of Technology

15 Jan 2025 – 31 Jan 2025

- Assisted administrative staff with academic and logistical tasks

Volunteer Tutor

Tshwane University of Technology

03 Feb 2025 – 07 Feb 2025

- Provided academic support to fellow students in foundational computer science courses

Work Integrated Learning

NFR | SARAO

01 Aug 2025 – 31 Jan 2026

- Using the opportunity to learn more languages and be a confident software engineer
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AWARDS & ACHIEVEMENTS

- *Best First Year Computer Science Student Achiever (2022)*
- *Best Second Year Computer Science Student Achiever (2023)*

- *Second Year Overall Top Student – Faculty of ICT (2023)*
 - *Top Academic Achiever – Diploma in Computer Science (Extended) (Jan 2023 – Jun 2024)*
 - *Best Third Year Computer Science Student Achiever (2024)*
 - *Third Year Overall Top Student – Faculty of ICT (2024)*
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REFERENCES

Ms Stenynberg

Admissions Administrator – Tshwane University of Technology
012 382 0914 | SteynbergT@tut.ac.za

Ms Mtshali

Faculty Administrator – Tshwane University of Technology
012 382 0957 | MtshaliTP@tut.ac.za

Ms Kukuma

Software Engineer – NFR | SARAO
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