# LETHABO CLEMENT ZWANE

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## SUMMARY

Highly motivated BSc Mathematical Science student (Computer Science and Statistics Major, 73% academic average) with proven ability to bridge theory and practice. Experienced as a Deputy CTO, delivering software solutions (Python, C++, SQL, and Generative AI concepts). Also a successful academic mentor, achieving a 100% pass rate from mentees. Seeking a challenging role that leverages strong technical, quantitative, and leadership skills.

## WORK EXPERIENCE

**Deputy Chief Technology Officer (CTO), ML&L Solutions Inc**         **Jul 2025 – Present**

- Led technical execution and scoping for digital solutions (apps, websites, software) across Education, Healthcare, and Finance sectors.
- Implemented robust Database Management (SQL, PostgreSQL, MongoDB) and Object-Oriented Programming (C++) to ensure scalable and efficient delivery.
- Directed a work-readiness upskilling program for university students, actively bridging the gap between academia and corporate technical standards.

**CUTL Academic Mentor, Sefako Makgatho Health Sciences University**         **Feb 2025 – Nov 2025**

- Mentored first-year students to successfully navigate the academic transition, achieving a 100% pass rate in the cohort.
- Provided intensive tutoring in core modules (Maths, Stats, Computer Science), directly leading to four mentees achieving overall module distinctions.

**Ascend Mentor (Community Outreach), EBTA, High Schools Across Gauteng**         **Feb 2025 – Nov 2025**

- Delivered impactful sessions to high school learners, focusing on academic planning, university requirements, and substance-free lifestyle encouragement.
- Actively promoted the importance of high academic standards to facilitate successful university entry and future career prospects.

## EDUCATION

**BSc Mathematical Science (Computer Science and Statistics Major)**         **2024- Expected May 2027**
Sefako Makgatho Health Sciences University

- Academic Average: 73%
- Relevant Coursework: Data Structures, Structural Programming, Object-oriented Programming, Mathematical Statistics, Modern Business Statistics, Algebra, Calculus.

**Full Stack Development**         **Completed July 2025**
FNB App Academy & IT Varsity

- 32 Credits [NQF level 5]
- Intensive focus on App Strategies, principles of UX Design, API development, Data Management and Analysis, and the full SDLC.

## SELECTED TRAINING AND CERTIFICATIONS

- **Full Stack Development -** FNB App Academy
- **Generative AI -** AWS, Microsoft, NEMISA, WETHINKCODE GenAI course for Software Engineers
- **Data Science Training -** Dirisa Data Science Training, Digital Earth Africa Sandbox Program
- **Cybersecurity -** Career Essentials in Cybersecurity by Microsoft - NEMISA

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## TECHNICAL SKILLS

- **Programming Languages:** Python, C++ (OOP, Data Structures), R, JavaScript, HTML, CSS, SQL.
- **Frameworks & Libraries:** FastAPI, React, Pandas, NumPy, Scikit-learn, TensorFlow, Jupyter.
- **Data & Cloud Tools:** PostgreSQL, MongoDB, Git, Power BI, Generative AI (AWS, Microsoft), System Analysis

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## KEY SKILLS

- **Mentorship & Coaching**
- **Leadership & Team Management**
- **Communication & Public Speaking**
- **Academic Support (Maths, Stats, CS)**
- **Workshop Facilitation**
- **Organizational Skills & Planning**