

# VUKILE NTSELE

Glen Austin, Midrand | 076 353 8297  
vukilentsele100@gmail.com

LinkedIn: [linkedin.com/in/vukile-ntsele-b0b489238](https://www.linkedin.com/in/vukile-ntsele-b0b489238)

Github: [github.com/Noita-Voni](https://github.com/Noita-Voni)

Tech Entrepreneur | Public Sector Problem Solver | Consulting Candidate

Final-year Computer Science student and founder of a public-sector cybersecurity startup. Applies data-driven thinking, consulting frameworks, and stakeholder collaboration to solve challenges in healthcare, government, and township economies. Experience includes digital identity systems, peer-to-peer commerce models, and business intelligence dashboards. Currently preparing for the CISA exam while building capabilities across strategy, digital transformation, and operational analysis.

## KEY SKILLS

Strategic Problem Solving | Team Engagement | Public Sector Innovation | Client Communication | Data Analysis |  
Programming Proficiency | Project Coordination | Digital Transformation | Stakeholder Engagement | Leadership

## EXPERIENCE, INITIATIVES & IMPACT

### THEMBA DIGITAL SECURITY (2025–PRESENT)

Founder | Midrand, Gauteng

- Offering Cybersecurity, Cloud, and Data services to government departments, municipalities, and nonprofits.
- Leading the development of a lightweight Identity & Access Management solution tailored to small organisations for 10+ SMEs/NPOs by 2026.
- Embedding compliance with POPIA and national cybersecurity frameworks.

### ITWEB SECURITY HACKATHON – TOP 3 WINNER (2025)

Co-developer of winning solution | Sandton, Gauteng

- Co-created Healthcare Staff Secure (HSS): an IAM solution for South Africa's 400+ public hospitals.
- Implemented secure identity workflows to reduce operational risk and enhance compliance in public hospitals.
- Preparing for G20 Tech Challenge submission and currently piloting early interviews with health officials.

### MENTOR – ENGAGE AND EMPOWER NPC (April 2025)

Robotics Challenge | Eldorado Park, Soweto

- Mentored a team of Grade 4–9 learners from underserved communities in programming XRP robots using Java, Python and C++.
- Promoted digital access and inclusion through mentorship and collaboration with SpringBots SA and Forge.
- Reinforced passion for youth empowerment, education equity, and community-driven tech advancement.

### GKSS MIDRAND CHAPTER – CHAIRPERSON

Geekulcha Student Society | March 2025 – Nov 2025

- Leading a campus tech society in partnership with **Geekulcha**, one of South Africa's largest youth tech networks (15,000+ members).
- Spearheading initiatives to drive digital innovation and skills development across campus and surrounding communities.
- Fostering industry collaboration and youth inclusion in tech through events, workshops, and strategic student-industry engagement.

# PROJECTS

## 1. Healthcare Staff Secure (HSS) – Identity Access Management for Public Hospitals

Co-delivered a Top 3 IAM solution at the ITWeb Hackathon, addressing identity access gaps in 400+ public hospitals.

- Coordinated a multidisciplinary student team (tech, legal, business, security) to build HSS during the 2025 ITWeb Security Hackathon.
- Secured a **Top 3 placement** among 30+ national teams
- Currently engaging **5+ public healthcare professionals** to validate solution feasibility and pain points (G20 Tech Sprint prep).
- Tackling a sector where **83% of public hospitals** lack basic digital identity safeguards.

## 2. Fast-Food C2C (Customer-to-Customer) Digital Model

Designed a decentralized fast-food resale model enabling customers to pre-buy and resell meal deals within their networks.

- Modeled operational workflow & value chain for C2C transactions.
- Conducted interviews with **10+ urban youth consumers** to test user behavior and pricing.
- Focused on student accommodation micro-economies and digital-first engagement to reduce cost per meal by **15–20%** through peer resale.
- Highlights platform strategy, consumer experience innovation & last-mile digital logistics.

## 3. Township Insights Dashboard – Data for Growth

Developed an open-source dashboard that provides data-driven insights for township-based entrepreneurs to improve market reach, pricing, and inventory decisions.

- Uses learnings from **Google Data Analytics & Introduction Management Consulting**
- Planning on targeting **30+ SMEs** across 3 townships (Glen Austin, Boulders Area, Tembisa)
- Aims to lower SME inventory waste by **25%** and increase pricing accuracy by **30%** using trends and community data
- Bridges data gaps to improve decisions for township SMEs and enabling better decisions through access to simple analytics tools

---

# EDUCATION

## Eduvos (Midrand Campus)

BSc Computer Science (Final Year, 2025)

- Golden Key International Honors Society member (Top 15%)
- Overall Academic average: 71%, Current Final Year Academic average: 75,3%

---

# CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

## ISACA Student Member | Preparing for CISA

Joined ISACA to deepen my understanding of IT audit, risk, and governance. I'm actively preparing for the **Certified Information Systems Auditor (CISA)** exam to align with my long-term goal of becoming an expert in IT audit and compliance, especially in the public sector where trust is critical. Applied IT audit, risk and governance to listed projects.

## Google Data Analytics Certificate | Coursera & Google

Completed a rigorous, hands-on program covering the full data analysis process, from asking the right questions to data cleaning, visualization, and storytelling with data. Applied insights to the listed projects. Deepen knowledge in Python.

## Introduction to Management Consulting – Emory University

Completed a foundational course focused on consulting frameworks, strategic problem solving, and client engagement. Applied the insights to listed projects to identify a framework to spearhead the project to reach success.

---

# REFERENCE

## FAITH MNEMO(MBA)

Business Growth Enthusiast | Strategist in Banking | Digital Transformation | TEDx License Holder | Speaker

View more on **Recommendations:** [linkedin.com/in/vukile-ntsele-b0b489238](https://www.linkedin.com/in/vukile-ntsele-b0b489238)

---