

ADV. LUFUNO T TSHIKALANGE

OUTSTANDING WOMAN IN TECH
CERTIFIED CHARTERED CHIEF INFORMATION OFFICER
AWARD WINNING TECH LEADER, DATA PRIVACY AND CYBERLAW PROFESSIONAL
Legal Practitioner's number: 33076

DEMOGRAPHICS

South African born Black Female

Originates from HaTshivhasa,
Thulamela Municipality, Venda

SKILLS

- Policy research and development
- Restructuring and change management
- Cybersecurity Governance Risk and Compliance
- Cyberlaw, consulting, and advisory
- ICT procurement, strategic sourcing, and contract management
- Data privacy and data protection
- Project and stakeholder management

EDUCATION

Master of Laws (LLM) Degree

University of South Africa

2006-2008

Specialisation in Information Technology
(IT) Law.

LLB

University of Venda

1998-2001

Legal degree

LANGUAGES

English

Tshivenda

PROFILE

I am a proud villager from HaTshivhasa, located in Venda, Limpopo. As a law graduate with an LLM specializing in Information Technology Law, I have cultivated a deep interest and passion for the ICT sector, which began during my internship at the Department of Communications in 2002.

With over 20 years of combined experience in the public sector's ICT procurement and regulatory environments, I am recognized as an award-winning thought leader in the industry. I am also a seasoned speaker on topics related to cyberlaw, cybersecurity, digital transformation, and data privacy. Furthermore, I am a strong advocate for STEM education, good governance, green IT, local content, and open-source initiatives.

Africa's heavy reliance on imported ICT skills and services poses significant challenges, including heightened risks, increased carbon emissions, and cyber vulnerabilities due to a lack of local expertise.

As a solution-oriented cyberlaw specialist and AI enthusiast, my vision is to enhance the organization's cyber resilience by developing integrated and innovative solutions that address persistent cyber threats.

WORK EXPERIENCE

EXECUTIVE DIRECTOR GOVERNANCE, RISK, AND COMPLIANCE

Orizur Consulting Enterprise

2024

This role provides Governance, Risk, and Compliance (GRC) oriented cyberlaw solutions that enables organisations to:

- adopt and implement a holistic approach to cybersecurity governance framework, enterprise risk management, and regulatory compliance
- foster alignment of IT with strategic business goals and sustainably maintain a cyber secured environment to enhance digital transformation initiatives
- conduct regular cybersecurity governance assessments to minimise cyber vulnerabilities, reduce financial risks, increase cost effectiveness, and good governance
- put in place appropriate cybersecurity governance frameworks to ensure data protection, security, and privacy
- provide strategic sourcing to maximise the value in ICT procurement and employ contract management as an effective risk oriented management tool to achieve a compliant cyber secured environment
- embed security by design blueprint in the overall organisational enterprise architecture
- establish appropriate programmes such as compliance management, third party risk management, risk based Contract Management, cybersecurity training, education and awareness.

This role also contribute to:

- strategic forums and conversations that aims to reduce cybercrime and promote cybersecurity culture
- research and development that promotes and supports effective implementation of digital transformation, climate change adaptation goals, and cybersecurity governance.
- the development of appropriate AI governance that supports human centered and inclusive AI environment that promotes digital human rights.

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CONTACT

INDUSTRY RECOGNITION

- Outstanding Woman in Tech Award, Africa, 2024
 - Certified IT Business Executive Professional CITBP (SA) II Chartered Chief Information Officer (South Africa), 2023
 - Nominated for the Digital Woman Special Award, and Governance Award, GovTech 2022
 - Top 20 Personalities in Cybersecurity, Africa 2021
 - Awarded with the Woman Data Privacy and Legal Professional of the Year, 2020
 - Top 50 Women in Cyber Security Africa, 2020
 - Featured in the African Women in Cyber Security Book, published by Cyber in Africa, 2019
 - Awarded with the ICT Transformation Award: Women in ICT Award Category, 2016
 - Finalist for the All About Public Procurement (AAPP) Awards: Professional of the Year Award category, 2016
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REFERENCES

Mark Palmer

Prof Sizwe Snail

WORK EXPERIENCE

DEPUTY DIRECTOR: ICT AND E-GOVERNMENT POLICY, STRATEGY AND REGULATIONS

Department of Public Service and Administration

2007-2013

- **Policy development:** I have contributed considerably in a number of policy development projects to improve the public service ICT environment including the Corporate Governance of ICT Policy Framework, Government-wide Enterprise Architecture Framework. Further, I was a project manager for the development Public Sector ICT Strategy, the Green IT policy and the subsequent draft e-Waste Management Guidelines.
- **Secretariat:** I managed the Government Information Technology Officers (GITO) Council Secretariat for six years, a body constituted by public sector chief information officers (CIOs) to provide thought leadership on government IT policies for an improved environment; coordinated Director Generals (DG) FOSS (free and open source software) Steering Committee; and served as FOSSFA (FOSS Foundation of Africa) Secretariat for three years.
- I served several committees of the GITO Council including the Information Systems Security, ICT Projects and Open Source Software, Procurement, Architecture, e-Government and Governance. I also participated in various departmental committees including Human Resource and Planning, Audit and Risk, Assets Disposal, and Adjudication.
- **Achievements:** I have successfully facilitated and provided thought leadership in the development of government IT policies inter alia the government-wide enterprise architecture (GWEA); amendments of the minimum information security standards (MISS) in the Public Service Regulations, the development of the minimum interoperability standards (MIOS); ICT Strategy, the Green IT Policy Framework and e-waste guidelines, which currently form an integral part of the public sector procurement processes. Other drafts included Cloud Strategy for the Public Sector. I was recognized by the then Minister for outstanding support to the Government IT Officers' Council (GITOC) in 2011.

ASSISTANT DIRECTOR: (ICT POLICY DEVELOPMENT AND RESEARCH)

Department of Communications

2006-2007

- I was responsible for inter alia the provision of research support to inform and align ICT policies; conduct policy analysis to determine relevance and possible amendments; develop policies and strategies that seek to promote affordable and accessible ICT services.
 - **Achievements:** during my short stay at the department, I was able to successfully coordinate the development of the advisory report regarding the use of South African languages. Thus, promoting multilingualism and or adoption of human language technologies to cater for South African's diversity.
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VALUES

- Integrity
- Good governance
- Continuous learning
- Entrepreneurial
- Sustainable community development for difference making
- Environmental consciousness

REFERENCES

Sybil Lyons-Grootboom

Tinyiko Ranwashe

WORK EXPERIENCE

SECRETARIAT: GENERAL CHIEF KNOWLEDGE OFFICER/ SENIOR KNOWLEDGE WORKER

Presidential National Commission on Information Society & Development 2004-2006

- I was responsible for amongst others research relating to issues of information society, as well as appropriate technologies like open source to accelerate socio-economic development of the citizens and to inform the development of an inclusive information society including broadcasting, telecommunications, IT (Cyber) law, human language technologies (multilingualism), Intellectual Property law and knowledge management. I meaningfully participated and contributed to the initiatives of Meraka Open Source Institute and actively involved with open source movement and partners like Shuttleworth Foundation.
- Achievements: In response to the World Summit on Information Society's Action Plan, I substantially contributed to the development of the Information Society and Development (ISAD) Plan and steered the development of the Government Policy on Free and Open Source. I was also involved in the Mogalakwena i-Community multi-stakeholder project aimed at improving access to ICTs in the rural areas for socio-economic development.

INFORMATION TECHNOLOGY LAW INTERNSHIP PROGRAMME

Department of Communications 2002-2004

- I was responsible to study the national ICT related laws and regulations that regulate the industry, and conduct desktop research on legal instruments of international organizations such as International Telecommunications Union and ICANN; exposed in policy development processes, as well as attending industry conferences and site visits. I was involved in research programmes that focused on community development through the advancement of appropriate technologies that will enable inclusive access to information and freedom of expression. Further research activities involved ascertaining the status quo of the use of ICTs in the country and provincial consultative forums focused on the following areas: e-education, e-health, and e-governance.
- Achievements: understanding of the ICT industry and the importance of ICTs in empowering communities; facilitation of workshops to understand ICT needs of the people at the grassroots level. Worked and led a number of community development projects with a particular focus on disability: advocated for the needs of the people with disability in different forums; and promoted the use of community radio stations to improve accessibility of government information and coordinated the national community radio forum. In addition, I was involved in the finalization of the ECT Act. I learned project and stakeholder management, a bit on procurement through involvement with some of the tenders, as well as general office administration.

INDUSTRY PARTICIPATION

- Audit Committee Member
 - Member of SABS Information Technology Committee;
 - Deputy Chairperson of the Critical Infrastructure Council;
 - Member of 4IR Advisory Committee - MICT SETA;
 - Member and Competency Professional of the Chartered CIO Council -SA
 - Member of IFIP WG 9.10 - ICT Uses in Peace and War;
 - Former EXCO Member at Southern African Institute for Government Auditors Member;
 - Former Member of the Soweto West Gauteng TVET College Council, Audit and Risk, Planning and Resources Committee, and ICT Governance Committees.
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