Creating Secure, Reliable and Scalable Solutions

IT Support Engineer | Cybersecurity Analyst | Network Engineer

Get in Touch   Discover My Expertise

About Me

Hi, I'm **Ayanda Dimpho Booi**, a dynamic professional equipped with a wealth of experience and expertise cultivated throughout an extensive learning journey. Specialized in network security, ICSCADA fundamentals, ITIL v4, and IAM practices. Actively seeking opportunities to contribute skills and gain practical experience in various industries. Proficient in tools such as Nmap and Wireshark, with a strong emphasis on effective communication, both written and verbal. Demonstrates a goal-oriented, solution-focused approach, coupled with resilience and a collaborative team spirit.

Get Consultation

Expertise (Skills)

ICS Networking Devices and Architectures

Designing and implementing industrial control system (ICS) networks with secure architectures tailored for operational environments.

Time Management

Optimizing workflows and prioritizing tasks to maximize efficiency and meet deadlines.

Security Practices Implementation

Implementing industry-standard security practices to safeguard organizational assets from evolving threats.

Risk Analysis in IT and Corporate Networks

Performing comprehensive risk assessments to identify and mitigate vulnerabilities in IT infrastructure and corporate networks.

Intrusion and Malware Analysis

Conducting thorough analysis of security breaches and malware incidents to improve network defense mechanisms.

Network Security Design

Designing robust network security frameworks to ensure protection against internal and external threats.

NIST Cybersecurity Framework

Implementing the NIST Cybersecurity Framework to improve resilience and ensure compliance with cybersecurity

Kali Linux

Leveraging Kali Linux for penetration testing and vulnerability assessments to ensure system security.

Web Development (HTML, CSS, JavaScript, PHP)

Developing dynamic websites and web

Portfolio

Privacy Preservation and Perimeter Protection

Network Security

Explored vulnerabilities and network architecture in the water and wastewater industry, focusing on enhancing privacy and perimeter protection.

Doomsday in a Mega Automobile Factory

Catastrophe Simulation

Investigated and simulated catastrophic events in a large-scale automobile factory to enhance disaster preparedness and response strategies.

Endpoint Security

Cybersecurity

Secured various network endpoints against cyber-attacks, ensuring robust defense against malware, ransomware, and other online threats.

By the Numbers

50 +
Projects Completed

100 +
Happy Clients

10 +
Years of Experience

Certifications (Badges)

CCNA (2025)

Certificate Course – CCNA

Technical Support (MICT Seta) (2024)

Certificate Course – Technical Support

Yeastar Certified Technician (2024)

Certificate Course – Yeastar Certified Technician

Network Security (2023)

Certificate Course – Network Security

Industrial Control System (2023)

Certificate Course – Industrial Control System

ICS / SCADA Security Fundamentals (2023)

Certificate Course – ICS / SCADA Security Fundamentals

ICS / SCADA Cybersecurity (2023)

Certificate Course – ICS / SCADA Cybersecurity

ICS / SCADA Security Analyst (2023)

Certificate Course – ICS / SCADA Security Analyst

Networking Basics (2023)

Certificate Course – Networking Basics

Networking Devices & Initial Configuration

Cyberthreat Management (2023)

Certificate Course –

CompTIA Linux (2023)

Certificate Course – CompTIA Linux

Networking Basics (2023)

Certificate Course – Networking Basics

Networking Devices & Initial Configuration (2023)

Certificate Course – Networking Devices and Initial Configuration

Cyberthreat Management (2023)

Certificate Course – Cyberthreat Management

CompTIA Linux (2023)

Certificate Course – CompTIA Linux

Windows Operating System (2023)

Certificate Course –

Identity & Access Management (2023)

ITIL 4 Foundation (2023)

Certificate Course – ITIL

Cisco Jnr Cybersecurity Analyst (2023)

Certificate Course –

Tools & Technologies

Nmap
Network exploration and security auditing tool.

Wireshark
Network protocol analyzer to capture and inspect network traffic.

Burp Suite
Security testing toolkit for web applications.

Splunk
Data analytics tool for monitoring, searching, and analyzing machine data.

Metasploit
Penetration testing framework for identifying vulnerabilities in networks.

What Clients Are Saying

"Ayanda's deep expertise in network security and industrial control systems has been invaluable to our business. The implementation of strong security protocols has made a noticeable impact on our operations."
- Sarah L., Founder of SecureTech Solutions
★★★★★

"We reached out to Ayanda for advice on risk analysis and cybersecurity. Her recommendations helped us strengthen our IT infrastructure and mitigate potential threats. Highly recommended!"
- David H., VP of Technology at Green Energy Co.
★★★★★

"Ayanda's knowledge of ICS/SCADA cybersecurity is unmatched. Her thorough understanding and hands-on approach have made our systems more secure and reliable. Truly an expert in her field."
- Olivia P., CEO of Innovators Hub
★★★★★

"Working with Ayanda on network security and cybersecurity frameworks has been an absolute game-changer. Her insights into the NIST Cybersecurity Framework have brought our security practices to the next level."

"Ayanda's expertise in Linux administration and her work with Active Directory Domain have been crucial in our IT infrastructure overhaul. Her advice is always spot-on, and her technical skills are exceptional."

Get in Touch

Your Name

Your Email

Your Message

➤ Send Message

Ayanda Dimpho Booi

About   Expertise   Portfolio   Numbers   Certifications   Testimonials   Contact

✈ Send Message

Address: South Africa
Opening Hours: Mon - Sun: 24 / 7
Phone:(+27) 67 008 6351
Email: booi.avd@gmail.com

About
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