

Client Name

Cybersecurity Professional

Versatile, methodical professional with progressive experience leading and optimising end-to-end cybersecurity operations, as well as advancing enterprise infrastructure and IT asset protection within fast-paced environments.

- Proven track record of executing business continuity management and disaster recovery plans aimed at eliminating aftermaths of cyber-attack incidents and maintaining equipment optimal functionality.
- Adept at administering complex transformational projects/programmes by gathering/interpreting requirements to improve deliverables, while adhering to applicable procedures, policies, and quality standards/regulations.
- Expert at building, mentoring, and motivating cross-functional teams in alignment with organisational SOPs and emerging IT industry trends to automate business processes and improve overall performance/productivity.
- Excel at proactively implementing security improvement initiatives to ensure data protection high-level confidentiality.

AREAS OF EXPERTISE

ISO 27000, NIST, and CIS frameworks | System Control & Hardening| Incident Response Planning & Recovery | Cyber Security Management | Wireless & Load Balancers | General Management | Performance Optimisation | Financial Management | Cost Planning & Control | Project/Programme Management | RFP & RFI Documentation | Agile, Scrum, Kanban Methodologies | Network Engineering/Design | Enterprise Network Management | Network Infrastructure| Information Security Management | Governance/Risk Compliance| Network/Server Administration | End Point Configuration Management

SIGNATURE PROJECTS

- Led the design and implementation of Data Centre core upgrade to 10Gbps SPB core, a SAN using iSCSI Dell and EqualLogic hardware, as well as 2010 and 2013 Farm on Hyper-V / iSCSI SAN.
- Steered end-to-end operational workflow and custom CSOM programming from scratch towards conception.
- Virtualised Infrastructure, moving to Server 2012 and implementing failover/load sharing aimed at migrating to a compelling solution; the process being inclusive of hardware load balancers.
- Championed the Management Information System initiation, business case development, and programme implementation inclusive of scripts to synchronise data between the legacy and new system,
- Implemented an intrusion detection system using security onion, snort sensors, and Anval as a console later Nessus.
- Optimised the messaging system by securing Exchange, Virus, and SPAM filtering solutions and splitting the system into front/backend.
- Introduced cost-effective means aimed at efficaciously monitoring patch management, vulnerability scanning, and event log management activities at the highest quality standards.
- Instituted a Content Management System initially by extensively utilising Plone to replace the chaotic MS FrontPage site (2005), later moving to SharePoint 2010 and SharePoint 2013 respectively.

TECHNICAL PROFICIENCIES

High Availability:	Clustering File and SQL Servers, Load Balancing Web Servers
Front-End:	Win Operating Systems, Group Policies, Imaging, SCCM, Folder Redirection, Linux and Apple Mac (with AD Integration)
Software Development:	Strong WSH / VBScript, PowerShell, SQL, HTML, Some VB.Net and C Sharp, C++ and Python, SharePoint 2010/13 Client-Side Object Model and Workflow
Virtualisation:	Hyper-V, SAN (iSCSI)
Back Office:	Installation, configuration, operation, and maintenance of Server, AD, Exchange, MS SQL Server, MySQL, SharePoint 2010 and 2013

CAREER EXPERIENCE

Chesieres, Switzerland

2003 – Current

Director of Infrastructure and Security

Manage an advanced IT infrastructure consisting of a high-capacity 40Gbps backbone, storage area network, DR site, campus-wide wireless, load balancers, redundant firewalls, and virtualised/high availability servers, including SQL Clusters. Oversee daily support issues and departmental/enterprise-wide projects through the implementation of an Agile methodology using the Kanban approach.

Effectively plan and allocate designated budget for IT, Audio Visual, Printing, and Telecommunications functions with a keen focus on process optimisation. Upgrade server backend periodically, deploy robust Firewall/VPN solutions in high availability, install a campus-wide Wi-Fi solution, and enact enterprise imaging, patch, and update system for Windows inclusive of Altiris, GFI, and WUS. Automate and administrate end-to-end operations from SQL synchronisation, Printer Installation to PC Wake on LAN functions, and SharePoint routines through PowerShell and VB Scripts development. Evaluate required equipment/systems, as well as controlling financial aspects of the department, including contract management and budget performance analysis.

Key Achievements:

- Improved overall service reliability and availability with virtualisation, clustering, and high availability implementations
- Functioned as a chairman in the IT steering committee and consolidated/discussed IT requirements, enabling strategic decision-making geared towards improved productivity/performance.
- Awarded with promotion as Director of Computer Services and later to Director of Infrastructure and Services through demonstration of prolific performances within the assigned roles.
- Acted as a key member of the team that expanded from two to six employees and owned end-to-end IT operations, such as printing, telephony, and audio/visual systems within the company's premises.
- Facilitated the delivery of excellent services by establishing reporting and monitoring systems for managing network, servers, services, and applications, proactively monitoring infrastructure at all times.
- Relocated the data centre to a managed air-conditioned environment with a downtime of fewer than two hours.

arivia-kom - Network Connectivity Department, Johannesburg, SA
Senior Network Consultant

2001 – 2003

Utilised in-depth technical knowledge for providing key recommendations to executive leadership on new fields and emerging technologies associated with networking. Advised senior management on IT and communications related-issues to support business prosperity. Proposed critical insights regarding IT budget planning/allocation and costing/pricing model implementation.

Key Achievement:

- Led the planning, implementation, and operation of high-value projects and tenders for maximised business success.

Key Projects:

- Arivia.kom – Multi-Service Carrier Network
- BBI/Arivia Consortium - Ghana Second Network Ope
- Arivia.kom VPN Billing Model Conceptual Framework
- SITA – South African Government IT Provider Multi-Service Carrier Network
- ESKOM – Various projects for Generation, Transmission and Distribution Groups

Additional Experience as Network Planning Team Leader | Senior Network Analyst | Network Analyst | Datacomms Laboratory Technician | Pupil Technician, Eskom

EDUCATIONAL BACKGROUND

National Certificate in Data Metrics, (Cum Laude) | University of South Africa – SA

National Higher Diploma in Electrical Engineering (Light Current) | Vaal Triangle Technikon – SA

National Diploma Electrical Engineering (Light Current) (Cum Laude) | Vaal Triangle Technikon – SA

CERTIFICATIONS

- Cyber Incident Planning and Response (APMG International) Certificate 09772691-01-L7JQ (2021)
- Tandon School of Engineering (NYU) (Coursera) – Cyber Security course with 4 specialisations (2021)
- Prince 2 (2020)
- Microsoft Azure AZ-900 (2020)
- ITIL 4 (2019)
- ITIL 3 (2018)
- Penetration Testing – White Hat Hacking and security – Udemy (2017)
- CompTIA Security+ Certified (2017)

Certifications from Bay Networks / Wellfleet / Nortel / Novell and Microsoft including CNE-4 (6549018) & MCP including Avaya Certified Engineer – Software Defined Networking | ACE-FX Level 1: ID 00513 (2017) | Advanced Internetworking principles, protocols & design (Dimension Data) | Nortel Networks Certified Account Specialist | Nortel Network Certified Support Specialist | Nortel Networks Certified Design Specialist | Nortel Network Certified Design Expert

PROFESSIONAL DEVELOPMENT

Certificate in Management - Specialising in IT Management, Open University UK | APM Foundation Course – Association of Project Management Certification | Managing the Small Business | Technical Writing Course | Linux Configuration and Administration