

Executive summary

I am a experienced network engineer (wan/lan), with experience in managing technical teams and implementing systems to systematically improve IT service delivery. Looking for a challenging job with a company that needs IT change. Currently employed as Network Architect, looking at hardware architecture as well as risk.

PERSONAL DETAILS

- Nationality: South African
- Date of Birth: 1970-10-03
- Marital status: Married (1998)
- Health: Excellent
- Languages: Fluent in both English and Afrikaans
- Sport: Squash, Hiking and Scuba Diving

EDUCATION

- ✓ Graduated from Stellenbosch University, with a BSC in Electronic Engineering, in 1993 (Bursary from SABC)
- ✓ Diploma in Engineering Management from the University of Pretoria Business School (2002).
- ✓ Passed CISCO CCNA exam and Microsoft certified Professional exam
- ✓ Multiple courses in project management and networking technology
- ✓ Linux LPI-Level1 certified (2008)
- ✓ Busy with CCNP certification
- ✓ Management training course.

PERSONAL TRAITS

Systematic approach to problems and tasks.
Self motivated, and capable of breaking down problems.
Enjoy finding creative solutions to problems.

PROFESSIONAL SKILLS

Network design and trouble shooting expertise.
Experienced in systematic problem determination and solving.
Leading technical teams, and encouraging staff to take responsibility for tasks.
Project management training and experience in IT projects.

PROFESSIONAL EXPERIENCE (Summary)

1994-1996. Engineering, electronic studio design at SABC
1996-1998 Network specialist SABC multi protocol. First Cisco courses.
1998-1999 Lotus Notes administration (30 Server), courses 2nd line support.
2000-2007 Networking Cisco and IBM equipment. (50 branches)
2008-2009 Network Architect and IT risk management.
Tech: LAN, Vlan, HSRP, Spanning tree, Sys-log, Wifi.
Tech: Wan, QOS, ISDN, Frame Relay, Radio Links, Modem, Dial Up (Tacacs), VPN
Tech: Channelized E1 connections.
Tech: Wifi @ 5 x warehouses and HQ, WPA enterprise + AD integration.
Tech: Routing OSPF & BGP isp corporate interconnect.
Tech: VRF mpls interfacing to partner company's
Tech: Internet Email, web, and multi homing provider setup
Tech: Linux used for Wan trending (Cricket + rrd), Automation of testing, Sniffer, automated testing, Flow analysis, and centralized real time traffic visualization.
Tech: Linux setup of VPN connections to external sites. 3G backup tunnels.
Tech: WWW Firewall and Internet connections, ADSL load balancing, proxy, QOS.
Tech: Assist developers, in benchmarking bandwidth requirements of new applications before roll out.
Admin: Responsible for WAN and LAN at 50 branches, contracts etc.
Admin: Interface with local Telecommunication providers
Admin: Project management, upgrades, budgets
Admin: Involved in three tenders.

Admin: Involved in drawing up disaster recovery plans for LAN/WAN.
Admin: Management of Network WAN/LAN support team.
Admin: Generate monthly network reports for Uptime and Response times.
Admin: Prepare annual budgets.

WORK HISTORY

CLOVER DAIRIES, Roodepoort, South Africa

September 1997 – Present

Network Architect (2008 → Current)

- Responsible for IT architecture, looking at Network, Servers, AS400, Voice.
- Risk-management for IT deviation, evaluating different frameworks.

Network Specialist/Manager (2000 → 2008)

- Sizable Cisco network (50 sites country wide), connections to agents, dial-up user, Isdn backup, radio links, 3Gmoduls, VoiP and links to partners.
- In 2002 I was offered the opportunity to become a contractor to Clover through labor broker Highveld Personnel, this afforded me the opportunity to also pursue the development of a load balancing Linux software for a open source company.

What I have done in the last 7 years at Clover.

- Document network and equipment, maintaining database used to track asset and faults on equipment.
- Redesign and migrate from frame-relay to Channelized E1 in conjunction with IBM and Telkom.
- Replace core and large branches with Cisco equipment.
- Migrate IP addressing to structured design that can scale
- Rolled out automated isdn backup to all major sites, and radio link backup to critical sites.
- Re-cabled and migrated 30 of the branches from Token-ring to Fast-Ethernet.
- Implemented open source long term traffic and statistic graphing, to enable trending.
- Custom built system to capture Cisco flows, and graph line utilization per application.
- Implementation of Quality of service metrics and filters to minimize impact of virus attacks and faulty applications.
- Maintained above 99.95% up-time on the WAN.
- Implemented an email to sms gateway used company wide to simplify notification of network problems.
- Rolled out Cisco VPN Concentrator to enable network saving using vpn connections.
- Installation of redundant Wifi networks in 4 warehouses as part of move to hand held Wifi bar code readers.
- After successfully converting 2 smaller branches to call manager express, currently busy with VoIP implementation at major branches, based on Cisco Call Manager cluster centralized at HQ.
- I compiled a short and medium term strategy for the migration to VoIP.

Notes Administrator (2yrs → 1998/9)

- Contacted by former manager, I accepted a new challenge as notes administrator.
- Managed 30 notes servers countrywide, serving email and applications.
- Setup policies and procedures, day to day admin and trouble shooting.
- Responsible for the technical side of web site and all email.
- Trained IT 1st line support staff.
- Provided 2nd Line support and problem resolution.

SOUTH AFRICAN BROADCASTING CORPORATION (SABC), Auckland Park, South Africa

January 1994 – September 1997

Broadcast Studio Design (1.5yrs – 1994/5)

- I did holiday work at SABC(Sentech Branch) while studying, when I graduated i started at the SABC in the project department Studio Technology.
- Involved in 2 big projects
 - Implementation and maintenance of audio video switching center for 1994 elections
 - Design, Implementation and commissioning of CD dubbing studio.
- I was also involved in the setup and evaluation of tenders for Electronic equipment.

IT Network Engineer (1yr - 1995)

- Assistant to the Network Specialist
- Implementation of new network projects.
- 2st Line network support, assisting pc support teams.
- Maintenance of HP Openview management station.

IT Network Specialist (2yrs – 1996/7)

- Network specialist resigned and I was offered the job.
- Design and planning of new network projects.
- 2nd Line network support for the it support staff.
- Liaising with our network provider Dimension Data.

REFERENCES

Clover Business: Johan Keulder

Clover IT: Werner Jansen Van Vuuren(Manager Networks), Willie Matriz(Manager Voice&Mobile), Christo Wepener(Manger AS400), Jaco Smuts(Architecture Manager)

Numbers and more references available if required.