

HENDRIK VISAGE

Basmel Court 5, Cnr Salisbury and 12th ave, Boston,
Cape Town, South Africa, 7530

Email: HVisage@envisage.co.za / HVisage@gmail.com

Mobile: +27 84 612 5345 or +27-83-675-5506

PERSONAL DETAILS

NATIONALITY	:	South African
DATE OF BIRTH	:	30 April 1972
DRIVERS LICENSE	:	Code EB
PASSPORT	:	South African

PROFESSIONAL OVERVIEW

Qualified with a BSc(Hons)Computer Science, I have worked in the IT industry for more than 20 years and am currently doing consulting on an ad hoc and retainer basis.

Most of my employed work was on mission critical systems in a senior Unix IT Administrator or Network administrator capacity. I have gained a depth of experience in server and network administration and I pride myself on keeping abreast of rapid technology changes whilst simultaneously training and educating fellow engineers in upgrades and new technologies. I have developed the relevant communication skills to liaise effectively between the technical department and management and/or customers regarding complex technology concepts. I also find lecturing rewarding, having presented several courses and a research paper over the years.

As an IT professional, I can keep a cool head in stressful troubleshooting scenarios. In rare cases of extended system downtime, I found that I excelled in crisis management - guiding the teams to find solutions for quicker recovery.

My ideal work is at higher level IT and networking consulting, planning while still being involved with the lower level execution of the integration to not lose touch of the finer workings and problems. As I'm used to shoe-string budgets, I prefer and advocate cost effective solutions while keeping time to market in consideration.

I especially enjoy working in the Unix (specifically Linux and Solaris) and Inter-networking environments, with more specific emphasis on integration, administration, tuning, R&D and solution architecting.

SUMMARY OF CV

- Currently freelance consulting on a retainer and ad hoc basis
- BSc(Hons)(Computer Science) 2011
- Worked from 1994 until 2014 at various companies and in various fields of Information Technology
- BSc(ComputerScience and Mathematical Statistics) 1994
- Matriculated 1991

CORE COMPETENCIES

- Cloud infrastructure
- Unix System administration (ie. Linux, Solaris, FreeBSD, etc.)
- Virtualization
- Networking
- Network and System security (Presented a research in progress paper at ICSA2010)

RELATED SKILLS

- Trainer (certification lapsed)
- Understanding complex systems and able to explain it

AREAS OF RESEARCH AND INTEREST

- Cloud infrastructure
- High Performance Computing
- Massive parallelization (Honors project on Erlang and Browzski algorithm parallelization)
- Cluster storage (Presented findings about filesystem and parallel writes)
- Erlang the language and VM (Honours project)
- Horizontal scaling of servers and processing
- Cryptography

REFERENCES:

Hetzner.co.za reference letter on request

Karen Brooks - Project Manager (ZAPOP)

karen@zapop.com

+27-(0)83-326-3902

Mark Warr - Unix Specialist (Vodacom)

Mark.Warr@vodacom.co.za

Work: +27822746645

Mobile: +27829921281

Alt Work: +27219409137

Steve Armstrong - Last Unix Team lead (MTN Nigeria)

stevea199@gmail.com

+27-82-371-8627 +234-803-200-7097

Hano Strauss – Previous Unix Team Leader (MTN Nigeria)

hanojj@gmail.com

+27 823748958

Robert Upton – Manager: Breakpoint IT Solutions

robert@breakpoint.co.za

+27 82 880 7527

EMPLOYMENT HISTORY

HeViS.Co Systems (Pty) Ltd (Owner)
(T/A) Envisage Systems
Consulting and Contracting - August 2014- current
Bellville based, doing work across country and worldwide

KEY ACTIVITIES:

- Virtual Machines (VMs) for various financial type applications like loyalty and Electronic Fund Transfer (EFT) systems using Windows 2008R2 and Linux
- Hypervisors: ProxMox (MS-Server 2008 & 2012)
- Elastix-PaBX administration
- Various webserver (apache, nginx) performance and administrative tuning.
- Other Linux based server setup and administration
- Postgresql installation and performance tuning/monitoring
- Linux systems monitoring and reporting.
- Busy with R&D on ISO-8583 integration
- Projects involving networking, security, capacity planning and virtualization of loyalty/financial systems.
- Ansible DevOps type integrations and deployments
- IoT research and RF based systems. (sub GHz and lower frequencies)

Kingsley Technologies
IT System Administrator – April 2013-July 2013
Diep Rivier

KEY ACTIVITIES:

- Looking after local and remote hosted servers
- Doing month end runs
- Network routing
- Installation of Linux based VMs
- Looked after EMail setup (POP, IMAP and SMTP)

REASON FOR LEAVING: Retrenched

HETZNER

TEMPORARY CONTRACTOR - NOV 2012

DURBANVILLE

KEY ACTIVITIES:

- Rebuilding and updating installation images as well as cleaning up older ones.
- Helped with stabilizing a client's database and webserver that kept crashing.

REASON FOR LEAVING: Contract finished.

ZAPOP

System Administrator - July 2012 till September 2012
Onsite at Bellville and attending to the remote offices.

KEY ACTIVITIES:

- Advising on network architecture.
- Advising on DNS improvements

REASON FOR LEAVING: Mutual agreement as visions and initially perceived goals differed too much between me and management.

Contracting via PARACON TO VODACOM(SA)

Specialist HP/UX System Administrator - July 2010 till July 2012

Onsite contract (hourly rates) based at Vodacom(SA)'s TechnoCentre in Bellville (Western Cape)

KEY ACTIVITIES:

- Installation of HP/UX 11.31
- Maintaining HP/UX 11.23 and 11.31 (including patches)
- Managing Veritas VxVM (4.1 to 5.1) (Now taken over by Symantec and renamed)
- Managing BCVs and SRDFs (EMC storage) for the database and application users from the OS perspective.
- Deployment of SCC (System Configuration Collector)
- syslog-ng initial deployment
- Standby and after-hours DR fail-over tests.

REASON FOR LEAVING: Found a more challenging opportunity at ZAPOP as the HP/UX environment was being rationalized.

Contracting via 4CIT via Sun Microsystems via CWL to MTN Nigeria

System Administration - 13 January 2008 till 30 September 2009

On site contract based at the MTN Nigeria offices working on a Solaris environment.

KEY ACTIVITIES:

- Recovery of systems after failures
- Systems looked after and installation done on:
 - E15k and E25k domains
 - M9000, M5000
 - T5240/T5440
 - X4500
 - V4x0 series
 - Setting up and administered as part of the work
 - Veritas Volume manager
 - Solaris Volume Manager
 - Zones
 - ZFS
- Architecting and implementation of Live Upgrade environments
- Upgraded most remaining systems from Solaris 9 to Solaris 10,
- Duties included:
 - Patch deployments
 - Network fault finding
 - Performance analysis
 - Fault finding

REASON FOR LEAVING: Contract expired, and since Nigerian side have not been concluded, 4CIT couldn't afford the risk and terminated my services. Expat quotas since reduced and no need for services anymore.

Freelance Consultant: May 2005 – Dec 2007

KEY ACTIVITIES:

- Presented and trained Solaris courses
- Conducted network installations on various sites
- Asterisk (VoIP/PABX) installation, support and customization (iDial)
- Contracted on various Ubuntu installations
- Firewall installations
- Consulting on network and Linux related projects

Internet Solutions (Pty) Ltd, Cape Town

Senior Engineer – Infrastructure: August 1999 - April 2005

Managing one of the most complex firewall installations in South Africa, incorporating FW-1, Stonebeat, Websense and LDAP. Advanced troubleshooting and mentoring of regional branch engineers. Staff training (approximately 40 engineers in IS).

KEY ACTIVITIES :

- Support and installation of FW1.
- Administration of several Sun Sparc Solaris and Dell Linux servers.
- Wrote Perl, C and C++ code to analyse network bandwidth using NetFlow data.
- Setup of system to collect and analyze the NetFlow data.
- Involved in Cisco Router setup and configuration.
- Carried out MPLS setup and configurations (non-core).
- Carried out PiX installations together with Cisco routers IPsec.
- Installed, configured and administered an Alteon L4 switch and Cisco WCCPv2 to communicate with NetCache systems.
- DNS changes and setup.
- Training engineers on Unix, TCP / IP, Internet Services and Security.
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REASON FOR LEAVING : Seeking new challenges and career growth.

Satellite Data Network (Pty) Ltd, Sandton, South Africa

Sun Administrator: April 1998 - July 1999

Involved in the initial installation of the ISP servers and firewalls.

KEY ACTIVITIES :

- Administration, installation and configuration of:
- Sun SPARC equipment
- Solstice FireWall-1
- SunNet Manager
- Netscape servers (Proxy, LDAP and calendar)
- PPP connection for temporary Internet access
- Terminal servers
- Auspex NFS servers
- INN Internet News
- Web Servers:
- Sun Web Server 1.0
 - Apache
 - Netscape
- SSH
- BeroFTPD (Anonymous FTP servers)
- Using Rsync and other mirroring software
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REASON FOR LEAVING : Opportunity to relocate to Cape Town.

NedCor (Pty) Ltd, Sandton, South Africa

Network Security Controller - Information Security Department: September 1997 - March 1998

KEY ACTIVITIES :

- Administration of firewalls
- Authorising TCP / IP external connections
- Research into new protocols= security issues
- Investigated security of several Solaris 2 machines

REASON FOR LEAVING : Offered job and grasped opportunity to work with a company starting up a state-of-the-art ISP Service.

Arivia.com (previously -Denel Informatics (Pty) Ltd,) Pretoria, South Africa
Pre-sales Support Consultant – Di-Sun Business Unit: August 1996 - August 1997

KEY ACTIVITIES :

- Configuration of machines
- Setup and demonstration of products and machines
- Team building
- Telephonic support of remote and on-site engineers
- Hardware / software troubleshooting
- Setup and configuration of machines prior to installation
- Setup, configuring and running the workgroup server
- (Ultra 1 with Solaris 1.5.1) with Email, proxy-server and SMB file services for Windows 95 and Windows for Workgroups
- Setup of Windows95, WFWG3.11, MS-Office, Eudora (Email), remote printers and Netscape for Sales team.

REASON FOR LEAVING : Career development.

Vector Customer Services Ltd, Midrand, South Africa
Support Engineer: July 1995 - July 1996

KEY ACTIVITIES :

- Support of Sun SPARC and Solaris 2 machines (h/w & s/w)
- Setup of Internet services (WWW)
- Maintained Internet services (WWW, UseNet News, Email, FireWall)
- Support of FireWall-1 installations for clients
- Troubleshooting TCP / IP problems with Solaris machines
- Initial setup of Sun hardware and operating system

REASON FOR LEAVING : Offered job and new challenges.

University of Pretoria, Pretoria, South Africa
Unix Administrator: January - June 1995 (Part-time)

KEY ACTIVITIES :

- Maintained the Unix machines of the Department of Computer Science and the High Speed Network Team
- Initial setup and configuration of four Sun SPARC machines running Solaris 2
- Maintained an IBM RS/6000 running AIX 3.2.4
- Maintained and installed several Linux machines for student use
- Setup and maintained the NIS+ environment
- Setup of ATM equipment for the High Speed Network Team.

University of Pretoria, Pretoria, South Africa
Assistant System Administrator: January - December 1994 (Part-time)

KEY ACTIVITIES :

- Assisted with the maintenance and management of two Novell 3.12 file servers and the network of the Human Science Faculty
- Setup of packages eg. MS-Office and MS-Windows
- Setup and troubleshooting of hardware
- Setup of Internet services on computers.

EDUCATION AND SKILLS

Tertiary Education:

University of Pretoria, Pretoria, S.A.
Qualification: BSc(Hons)(Computer Science) 2011

University of South Africa, Pretoria, S.A.
Finished: 1st year LLB.

University of Pretoria,
Qualification: Bachelor of Science (1994)
Majors: Computer Science & Mathematical Statistics
Credits Obtained towards BSc (Hon) 1994-1995:

- Advanced Subjects in Networking
- Telecommunication Systems
- Artificial Intelligence
- Graphics

Last School Attended: **Secunda High School, Secunda**
Qualification: **Matric (1990)**

SUBJECTS :

- Afrikaans
- English
- Computer Science Distinction
- Mathematics Distinction
- Additional Maths Distinction
- Science Distinction
- Accounting Distinction
- Biology

ACHIEVEMENTS :

Member of Provincial Chess team
Participated in the National Science Olympiad in 1989 and 1990, placed in the top 10% in both years.

EDUCATION AND SKILLS

INSTITUTION : SunService / Vector Customer Services
COURSE : Solaris 2.x System Administration
PERIOD : July 1995 (1 week course)

INSTITUTION : Sun Service Training Centre
COURSE : Sun Service Foundation Training
PERIOD : May 1996 (2 week course)

INSTITUTION : Apollo Informatics Training
COURSE : Presentation Skills
PERIOD : November 1996 (3 day course)

INSTITUTION : EpiUse / University of Pretoria
COURSE : Modern Telecommunications network concepts, design and performance
PERIOD : January 1994 (1 week course)

INSTITUTION : Sun Microsystems, Inc.
COURSE : Qualified to present Solaris 2.x Network Administration course
PERIOD : July 1997 (1 week)

LEISURE INTERESTS :

- Amateur Radio operator
- Chess
- Squash
- Scuba diving (Rescue diver, Nitrox and Master diver certifications)

MEMBERSHIP : Member of Mensa: previously served as portfolio holder on regional committee.

COMMUNITY SERVICE WHILE RESIDENT IN SA:

- Elder in previous church congregation.
- Previously a trustee on Body Corporate