SEAN HENNING : CURRICULUM VITAE

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<u>Description</u>

I am a Confident, Loyal, Hardworking and Encouraging Team player with a high aptitude for technology utilizing a Creator-Innovator approach to problems. My Director Personality Type and Organizational traits allow for collaborative communication & natural team linker roles.

<u>Education</u>

Institution	**Comptia**	
Period	2004-2005	
Level	A+, N+	

Institution	**The Zone Computer Career Campus (Torque I.T.)**	
Period	2000	
Level	MCP, MCSE (2000)	

Institution	**Allenby Campus (Damelin Collage)**	
Period	1999	
Level	Sports Management Diploma (Institute of Commercial Management)	

Institution	**Jeppe High School for Boys**	
Period	1996-1998	
Level	High School Diploma with University Exemption	

<u>Practical Computing Experience</u>

Software	Designing Microsoft Windows 2000/2003/2008/2012 R2 Active Directory & Security. Designing Microsoft Exchange 2013. Designing Virtual Environments,Azure.
	Microsoft DOS, Windows 95, 98, NT, 2000, XP , Vista , 7, 8, 10
	Linux (Redhat , Fedora Core, Debian, Ubuntu, CentOS)
	Microsoft Office, Open Office, Corel Draw & Paint shop, Dreamweaver, Squid/samba, Bacula, cacti, otrs, pfsense, oreka, zimbra, syslog, smokeping , chef, bind, ftp, postfix, asterisk, Vmware, Hyper-v, VOIP, MSSQL , MySQL, Postgresql, Isheriff , gridstor , sonicwall ,Cisco, n-able ,Redmine, ROR, Puppet, Nagios ,FOG, saaspass, docker, kubernetes, jenkins, azure, ansible, azure devops & Multiple 3rd party applications
Languages	SQL, PowerShell, Python, Bash , Batch , Ruby , php , javascript, yaml, c#.
I.T. Experience	Software application design and development and maintenance
	Systems & Facilities management
	Systems security & Disaster recovery planning
	Design and delivery of computer courses
	Client liaison and consultancy
	Pre and post-sales support of systems and software
	General personnel management
	Operating system support for users
	System management design, integration and support for companies
	Advanced IT Sector Project management
	Design and implementation of professional services for clients
	Complete Linux server configuration & Maintenance
	Web Design (html, CSS, PHP, ROR) & Graphic Design
	Mail server Configuration, maintenance & Disaster Recovery
	Cisco, juniper router installation, Security specialist, configuration and troubleshooting, cryptography devices
	CI CD -> containers -> cloud -> kubernetes
Telecoms	Avaya systems and modern VOIP technologies

Employment History

Institution	**Mobiquity**
Duration	2022 January - present
Level	Principal DevOps Engineer

<u>Responsibilities</u>	Designing, developing and Implementing new git CI/CD solutions using Kubernetes, Jenkins, Terraform, Azure, AWS, Azure Devops, Atlassian suite, Docker, Helm - Nginx ,Traefik, Elasticsearch / Grafana, Prometheus, SQL, Mongodb, High level scripting
	My team and allocated solutions architects tackle Brownfields and Greenfields environments by planning, implementing, securing and refining an automated process.
	Documenting all processes, policies and procedures and training
	advanced shell, bash, powershell, yaml, nodejs, PHP, json
Institution	**Lightsail Education**
Duration	2021 April - 2021 December
Level	<u>Senior Dev Ops / Infrastructure Manager</u>
<u>Responsibilities</u>	Designing, developing and Implementing new git CI/CD solutions using Kubernetes, Jenkins, Ansible, Azure, Azure Devops, Atlassian suite, Docker, Helm - Nginx ,Traefik, Elasticsearch / Grafana, Prometheus, SQL, Mongodb, High level scripting
	Continuously automating, deploying and maintaining container-based apps to bare metal based Kubernetes environments with cloud options.
	Documenting all processes, policies and procedures and training
	advanced shell, bash, powershell, yaml, nodejs, PHP, json
Institution	**Gravit8 / Yellowtail**
Duration	2019 April - 2021 April
Level	<u>Dev Ops / Senior Dev Ops</u>

Responsibilities	Designing, developing and Implementing new git CI/CD solutions using Kubernetes, Jenkins, Ansible, Azure, Azure Devops, Bitbucket-piplines, Docker, Helm - Nginx ,Traefik, Elasticsearch / Grafana, Prometheus, SQL, Mongodb, High level scripting

Continuously automating, deploying and maintaining container-based apps to cloud based Kubernetes environments. primary – azure

Documenting all processes, policies and procedures and training

advanced shell, bash, powershell, yaml, python, dotnet, json

Institution	**FreeLance**
Duration	2016 June - 2019 April
Level	Full Stack Developer/ Automation/ Security Consultant
Responsibilities	Developing modern financial system solution software and assets utilizing javascript, php, go, docker, Python, ssl/tls database replication. Blockchain Technologies.

It Security (Password security and replication, Advanced financial)

cryptography solutions and decentralised frameworks with lemp//lamp stack, nodejs and python (+flask) automation.

Dev project management and solutions architecture

advanced shell, ubuntu & centos.

Institution	**Huawei /MTN**
Duration	2016 January - 2016 June
Level	IT Infrastructure Solutions Architect / Systems Administrator

<u>Responsibilities</u>	Designing, developing and Implementing unauthorized changed monitoring solution using Nagios, Puppet, Ruby ,MSSQL , Sharepoint ,Bash ,batch and Powershell .
	Developing automated procedure using Puppet and Powershell to deploy, secure and maintain a managed unauthorized change monitoring solution.
	Documenting all processes, policies and procedures and training solution administrators
	Training in the effective utilization of puppet ,powershell and nagios
	advanced shell , solaris, ubuntu, centos
Reason for Leaving	Project Completed – Contract Expired
Institution	**Clicks Group**
Duration	2015 June - 2015 December
Level	<u>IT Infrastructure Solutions Architect / 3rd Line Support</u>
<u>Responsibilities</u>	Patched and secured store images (Microsoft) in accordance with PCI compliance
	Setup streamlined and documented WSUS solution for national store infrastructure.
	Assisting in Coordinating a team for up to 10 onsite technicians, supplying third line support during next day delivery
	Setup, implemented, and documented virtualized puppet server solution to streamline store scripting process.
	Setup, implemented, documented and trained staff on open-source network imaging solution.
	Assisted with Infrastructure scripting solution for project rollout.
Institution	**LivingTech**

Duration	2014 November - 2015 June

Level	<u>IT Infrastructure Manager</u>

<u>Responsibilities</u>   Facilitated multiple migrations of physical systems to cloud based infrastructures. primary to Windows Server 2012 R2 and Exchange 2013

Restructuring, Reconfiguring, Redesigning & Securing Client LAN, WAN & Data System Environments, using cacti, OTRS, pfsense, oreka, zimbra, syslog, smokeping , chef, bind, ftp, postfix, mysql and asterisk on Ubuntu , debian and centos servers

Documented all network changes & policy and procedure implementations.

Implemented scripts and policies to streamline client base network functionality.

Secured Wi-Fi, VPN, remote access, gateways and servers, switches, routers, firewalls and proxy systems.

Rebuilt and virtualized Both Linux and windows environments working with a team of up to 10.

Brokered new business and assisting as a technical console by designing and negotiated equipment, services and consumables with resellers.

Institution	**Mindpearl**

Duration	2012 September – 2014 November

Level	<u>IT Infrastructure Administrator / Architect</u>

<u>Responsibilities</u>	Reinstalled & Reconfigured National File Server adding structure, user quotas, roaming profile integrity, print server, TFTP and enhanced security functionality.
	Restructured VMWare virtual machines logical and physical relationship to even out load and implement fault tolerance.
	Configured and added unix based options consisting of firewalls, monitoring and backup servers.
	Completed Domain upgrade from server 2000 to 2003 by exporting DHCP, transferring DNS, installing a secondary domain controller & Reconfiguring scripts and policies to streamline client desktop functionality and security.
	Documented all network additions and changes.
	Restored full WiFi connectivity and configured a secure vlan for remote connectivity to the buildings access security system.
	Configured 14 wifi IP cameras throughout the office to link to motion detection and recording server.
	Setup, Added and Reconfigured Avaya phone (soft and hard phones) and pc systems to accommodate new staff injection.
	Plugged holes in switches, routers, firewalls and proxy systems.
	Implemented backup system procedures to secure fault tolerance.
	purchased equipment, services and consumables from resellers negotiating better pricing, speed and fault tolerant solutions.
	Built, configured, maintain and bash; Squid/samba, Nagios, Bacula/samba, cacti, otrs, pfsense, oreka, zimbra, syslog, smokeping , chef, bind, ftp, postfix, mysql and asterisk on Ubuntu , debian and centos servers
	Setup and reconfigure duplicate pfsense firewalls to redesign both secure acls and vlan subnets for individual client network workspaces.
	Setup and reconfigure duplicate pfsense firewalls to redesign both secure acls and vlan subnets for individual client network workspaces.
Institution	**Freelance**
Duration	2011 February – 2012 September

Level	Web Design & Development

Responsibilities	Designed and developed html/php websites for the private sector

Institution	**Business Connexion**

Duration	2010 February – 2010 November

Level	Business consultant

Responsibilities	Responsibilities included hardware and software maintenance and upgrades, user support, planning and consultancy, design and implementation of software and hardware systems.
	Restricted security within client's environments by Maintaining and implementing prototype profiles and policies.
	Specialist support of various system management software and security packages
	Co-ordination of various sub-contractors to maintain client it integrity.

Reason for Leaving	Relocated to Cape Town

Institution	**Advanced Technology Training Institute**

Duration	2009 November - 2010 January

Level	Senior Level Trainer

Responsibilities	Lectured MCSE, A+ and N+ to both student and corporate markets

Reason for Leaving	Contract completed.
Institution	**Adnetra**
Duration	2006 February – 2009 October
Level	Managing Member (Information Technology Consultant)

Responsibilities	Responsible for consultancy and support for Hardware, Software and Storage Systems for companies ranging from small to large corporations.

Implementation of various network changes both logical and physical to reduce cost of ownership and streamline company productivity.

Responsibilities included hardware and software maintenance and upgrades, budgeting, user support and vendor liaison, planning and consultancy, design and implementation of software and hardware systems.

Acquired, maintained and developed company client base of over 12 organizations.

Trusted to reduce costs of hardware, software and consumables.

Provide consultancy relating to web design, WAN/LAN relations, Product Purchases, 3rd party software implementations, Storage and Backup procedures, Methods of security implementation, internet communications and training methods.

initiated and consistently implemented diagnostics and systems to proactively prevent problems.

Setup configured and maintained a fedora web server to be utilized as a physical isp source over internet solutions bandwidth.

Managed and improved IT User policies and scripts

Constructed Disaster recovery plans with less than half a day downtime.

Provided training to users and staff when required.

Upgrade planning and infrastructure recommendations

Assisted in Recommendation, Negotiation and administration regarding the purchase and installation of new equipment and software.

Built and maintained a high-performance culture through effective performance management, communication and coaching of staff as well as streamlined service problems.

Fostered good relationships and co-operation with clients and suppliers through effective communication to ensure excellence and efficiency.

Implemented various succession plans for clients with specific reference to skills development and career path growth.

Ensured only licensed software was utilized throughout client networks and that licenses were renewed timorously.

Client Base Examples: http://www.autozone.co.za/ ; http://www.bpmpumalanga.co.za/ ; http://www.chaseveritt.co.za/ http://endeconubuntu.co.za/ ; http://www.shapesforwomen.co.za/ ; http://www.penreach.org.za/

Reason for Leaving	Company Sold
Institution	**TSS MS** - Pretoria
Duration	2005 February – 2006 January
Level	Senior Technician
Responsibilities	Worked for the south African police service and department of public service and administration. Saps was primary desk side support (assisted users with general windows issues) and DPSA was server and router/packet monitoring. we had to re-install an exchange server and one point, but it was predominantly desk side support.
Reason for Leaving	Started ADNETRA
Institution	**Advanced Technology Training Institute**
Duration	2004 November - 2006 January
Level	IT Manager & Lecturer
Responsibilities	Lectured MCSE A+ N+ to both the student and corporate market, i also maintained the network, I did a proxy and anti-virus setup and a lot of desktop/classroom PC re-installations
Reason for Leaving	Relocated to Pretoria

Direct Dialog - London :   2002 August – 2003 December

TSS MS - Johannesburg :   2001 January – 2002 June