Vulco Viljoen

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Career Objective

To secure a position where I can utilise a range of IT skills, knowledge, qualifications and experience as a catalyst for business growth, in a challenging and rewarding technical role.

Specialist Skills

- Cloud platform systems
- Virtualisation
- Server operating systems
- Coding
- Scripting
- Databases
- Monitoring and alerting
- Log management
- Content management
- Web services
- CI / CD
- Agile

Qualifications and Certificates

- IBM Certified System Administrator – WebSphere Application Server Network Deployment V7.0.
- IBM Certified Deployment Professional - Security Access Manager for Web V7.0.
- IBM Tivoli Security Systems Sales Mastery v2.
- IBM Certified Deployment Professional - Tivoli Directory Server V6.3.
- Professional Qualification as Cisco Certified Network Associate.
- Linux Professional Institute (LPI-2 Advanced Level Linux Certification).

Demonstrated Abilities

- Skilled and experienced IT professional with a solid background in development operations (DevOps) and systems engineering.
- Strong commercial acumen with an excellent understanding of effective systems and processes.
- Proven ability to work within the scope of practice to meet organisational objectives, promote departmental efficiency and deliver operational excellence.
- Good written and verbal communicator with superior interpersonal, negotiation and liaison skills.
- Able to relate to a wide range of people from various cultural, professional and technical sectors.
- Solid analytical aptitude with advanced organisational, problem-solving and time-management skills.
- Able to work well under pressure and meet strict deadlines in a fast-paced environment.
- Strong team player with the ability to work unsupervised and lead teams in the manager's absence.
- Displaying a high level of professionalism and confidentiality, with meticulous attention to detail.

IT Skills

- AWS, Openstack
- Ubuntu, Windows Server
- Python
- Bash, PowerShell
- MySQL, Elasticsearch, MongoDB
- Nagios, Zabbix
- Graylog, Logstash
- Ansible, Chef, Puppet
- NGINX, WordPress
- Jenkins, Octopus, Teamcity, Github, Rundeck

Professional Memberships

- Canada's Association of Information Technology (IT) Professionals

Work History

Kurtosys Systems, ZA   www.kurtosys.com
Providing software platforms built for global financial institutions
Senior DevOps Engineer   **January 2021 – Current**
DevOps Engineer   **March 2017 – January 2021**
- Collaborating and liaising with engineering teams to overcome challenges that impede productivity.
- Pioneering tools for supporting teams, training and mentoring personnel.
- Delivering informative monitoring and alerting with Nagios and Zabbix.
- Spearheading log aggregation and analytics, providing value-added data for teams and clients.
- Leveraging cloud-based resources such as AWS and OpenStack to develop innovations that improve operations and reduce costs.
- Formulating CI/CD pipeline to deploy Origin Proxies for product web services, promoting security and improving simplicity.
- Maintaining WordPress SaaS and streamlining content delivery.

Infrastructure Engineer   **October 2016 – March 2017**
- Converting bash scripts to Ansible playbooks, adapted to Puppet to promote automated continuous deployment and save on software costs.
- Authoring documented playbooks to assist with resolving issues within Linux server instances, avoiding delays and mitigating risks.
- Pioneering a log aggregation environment to automate maintenance and backup strategies.
- Sanitising Nagios monitoring for reliable and concise alerting.
- Performing NGINX in-depth configurations, setting up complex rules for client web services.
- Participating as a strong member of a cohesive team with strict adherence to statutory regulations, service level agreements, quality standards, governance processes and compliance requirements.

Marshall Technologies and Sanlam Head Office, ZA   www.sanlam.co.za
Diversified financial services group, operating across numerous selected global markets
Integration Specialist and Services Consultant   **November 2013 – October 2016**
- Administrating intricate identity management of organisations and subsequent roles, using enterprise products such as IBM Tivoli Identity Manager and IBM Security Access Manager.
- Championing the role of Splunk enterprise architect within the group.
- Providing Linux support and third tier administration duties of group Linux Server instances.
- Monitoring in-house applications through tools such as Nagios, Splunk and BMC Discovery.

Itemate Solutions, ZA   www.itemate.co.za
Technology company providing services and products used by the telecommunications industry
System Administrator   **January 2012 - October 2013**
- Establishing, implementing and overseeing effective systems, processes and controls.
- International project monitoring, reviewing and updating to improve hardware components and system infrastructure.
- Utilising PHP for system scripting and released software on Linux architecture.
- Building and managing Linux platforms for specific production environments such as Data Warehouse and Web Server.

Civil Concepts, ZA   www.civilconcepts.co.za
Civil and structural engineering company
System Administrator   **September 2006 – December 2011**
- Planning, installing, and maintaining company IT network, including developing central data repository, domain and email accounts, website and other marketing mediums.
- Providing reliable and prompt technical support to personnel.
- Performing as a strong member of a cohesive team with strict adherence to statutory regulations, service level agreements, quality standards, governance processes and compliance requirements.

Special Projects
- Discord Bot to monitor a channel for a URL and save it – https://github.com/rosekrans/tagurlit
- Aggregator to digest json files – https://github.com/rosekrans/tagurlit

Referees
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