Ryan Steenkamp

Personal Details:

Name: Ryan Steenkamp

Languages: English/Afrikaans

E-mail: ryan@tutanota.com

ID: 9308255179085

Date of birth: 25/08/1993

Drivers license: Code B

Cell: 072 051 3564

Website: ryansteenkamp.com

Education:

High School: Worcester Gymnasium

Grade passed: Grade 12

Subjects of importance: English 1ST language, Mathematics high grade, Information technology (Java Programming), Engineering & graphics design and Visual Arts.

Education:

Learning Institution: TorqueIT

Attendance: 2015-09-02

RHCSA Fast Track course with RHCSA Exam(EX-200)

Passing mark: 283/300 (94%)

Personal Summary:

If one is genuinely drawn to a subject matter and has a great love for it, one really puts in great amounts of effort and it becomes apart of your daily life. The love to self educate adds more value than only educating yourself with the intent of material gain.

The acquisition of knowledge is just as important as sharing knowledge, thus why I appreciate the internet so much and support internet freedom.

I like to think of myself as an open-source and Linux enthusiast. My aim is to use vim and the terminal as much as possible to create more efficiency.

I like to consider myself a humanitarian. I try involve myself with upliftment projects and with people who are less privileged.

The things I do for fun would be all of the above, but I also love to read, dance and meditate.

Work Experience:

Company: Maxitec - Internet Service Provider

Position: Internet Support Engineer

Period: 2 January 2012 – 31 January 2014

Reference: Carl-Heinz Conrade (Manager)/ Jurie Steenekamp (Owner) – 086 1234 777

Duties: Responding to all calls, e-mails, walk in clients and service call outs for diagnosing and resolving hardware, software and end users problems within agreed time scales.

Providing efficient customer support for all issues relating to desktops, laptops, apple macs, mobile devices, peripherals, routers, WIFI, telecommunication, hosting, e-mails, VOIP and networking technologies.

Taking ownership of a call/instruction and seeing it through to closure. Escalating calls and issues where necessary to seniors. Updating support documentation.
IT support for 'Maxiclub' Point of Sale System and helped out with Vodacom accounts and device support.

Training:
Company: Ockhams Razor
Period: 1 February 2014 – 31 April 2014
Position: Junior Linux Systems Administrator
Reference: Renaldo Maclons (Owner) – 081 829 1163

I received hands on experience with Debian Servers, RAID, BASH, AWK, SED and REGEX Scripting and also in-depth knowledge on the fundamentals of Linux LPI1.

My training also consisted of: apt-get package management, setting up web servers with Apache, setting up e-mail servers with Postfix, installing web sites/panels, installing and configuring ISP config, bash scripting, mail flow trouble shooting, setting up DNS and configuring network interface cards.

Work Experience:
Company: National Association of Child Care Workers (NACCW)
Position: IT Support Technician(Temporary Position)
Period: 19 May 2014 – 30 May 2014
Reference: Sandra Oosthuizen (Manager) – 082 417 8370

Duties: Responding to all calls, e-mails for diagnosing and resolving hardware, software and end users problems within agreed time scales. Managing windows server and active directory.

Providing efficient in-house support for all issues relating to desktops, laptops, macs, mobile devices, peripherals, routers, WIFI, telecommunication, e-mails and networking technologies.

Implementation of software to improve the companies performance such as a ticketing system and asset management software.

Work Experience:
Company: 8Frag
Position: Linux Systems Administrator
Period: 7 July 2014 – 1 April 2016
Reference: Luis Fernandes(Owner)/ Marcel Kritzinger(Manager) – 021 553 5028

Duties and Skills: Installation of SRCDS game servers(CS:GO and TF2), GOTV proxy servers, Depth knowledge of SRCDS based games, creating/modifying game server configurations, Basic SourcePawn Scripting, Installation and configuration of plug-ins for the games severs.

Managing and maintaining all Ubuntu servers and software's used. Migrating and deploying of servers. Installation and configuration of UnrealIRC, TeamSpeak.

AWS Skills: S3, RDS, EC2, Policies and SES. Implementation of game server web-panel TCAdmin, installing and configuring monitoring solution Pulseway which I later replaced with LibreNMS.

Game Server Rental ticket, TeamSpeak support and handling escalated issues. Game Tournament support and administration. Writing tutorials on how to do manage and use services.

Installation of SSL, Bash scripting, Ansible playbooks, Installation and configuring of FTP, Apache and backup solutions. MySQL, UFW use and management, basic DDOS mitigation and process management.
Duplicating and managing all of our systems on Windows 2012 server for a short time period.

Full involvement and assistance with software development. Involvement with website design as well as any other ideas, projects and decisions that effect the company. Testing and finding bugs for games and applications. Managing in house developed software created in Ruby, NodeJS and Python. I Took over the Lead IT roll after our Senior Developer left . Making calls on software and hardware requirements, solutions and improvements. Managing and training our junior Linux systems administrator.

Work Experience:
Company: OLX
Position: DevOps Engineer
Period: 04 April 2016 - Ongoing

Duties and skills:
Graphing – Graphana, New Relic, Dashing and Kibana
Alerting - Sensu, New Relic, Sysdig
Logging - Papertrail, Elastic search and Logstash
Contentious Delivery - Jenkins and Argo
Automation- Terrafrom, Ansible and Bash
Troubleshooting – Redis, Memcache, MySQL, Big IP F5 Load balancer
AWS – EC2, ELB, VPC, Route53, RDS, IAM, S3
Other - Git, Ruby, Docker, writing documentation, security, site's stability and adding features for developers

We managed 6 OLX websites in Africa: olx.co.za, olx.com.ng , olx.co.ke, olx.com.gh, olx.co.ug, olx.co.tz. Our biggest website olx.co.za by its self severs millions of page views.

When I first joined we ran a LAMP stack on bare metal servers running Ubuntu. Our Stack included Redis, Memcache and Solr. We used Akamai CDN, Cisco firewalls, and F5 Big IP Load balancers. For graphing and logs: Graphite, Graphana and ELK stack. Alerting: Sensu. Jenkins was used for Continuous Delivery system.

We rebuilt and migrated our infrastructure to run in containers on AWS in September. All our infrastructure was written in code with Terrafrom and Ansible of which I only contributed a small amount of Ansible changes after the migrations had taken place. We used Kubernetes to manage and orchestrate our containers. We switched to the following AWS services: AWS ELB, RDS, Elasticache(Memcache and Redis). Our continuous delivery system expanded to include in house software called "Argo". Argo is responsible for setting up our project needs and communicates with Kubernetes to be easily deployed through Jenkins. Our graphing, alerting and logging applications used where: Sysdig, New Relic, Papertrail.

Training:
- Architecting on AWS – onsite training from AWS (November 2016)

Udemy Courses:
- Sensu – Beginner - May 2016 – Length: 3.5Hours
- Sensu – Intermediate – May 2016 – Length: 3.5 Hours
- AWS Certified SysOps Administrator - July 2016 – Length: 7.5 Hours
- The complete Docker course for DevOps and Developers - September 2016 - Length 6 Hours