

## ./ RESUME

This is Thakas Resume



View on GitHub

## ##RESUME##

This is Rashard's Resume ##My\_preferred\_name\_is: Thaka!



()

##MY\_PROFILE =

“LINUX\_ENGINEER##DEVOPS\_SPECIALIST”

After 20 years in Information Technology, I have developed several practical skills with useful technologies, both openSource and Proprietary. The tasks, people, and places that I've worked included assignments in building, supporting, migrating, and developing web SaaS solutions that run on \*NIX platform both cloud (AWS) and on-site to ensure business continuity.

## ##LANGUAGES = “Programming and Communicative”

```
KNOWN_PROGRAMMING_LANGUAGES = [
[ "ANSIBLE_ADVANCED", "HTML_ADVANCED", "BASH_ADVANCED" ]
[ "RUBY_INTERMEDIATE", "CSS_ADVANCED" ]
[ "PYTHON_INTERMEDIATE", "PHP_BEGINNER", ]
] ##THATS_HOW_i_GET_MY_WERK_DONE!!!
```

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```
KNOWN_SPOKEN_LANGUAGES = [
[ "ENGLISH_FLUENT" ]0
[ "SPANISH_BEGINNER", "SOMALI_BEGINNER", "OROMO_BEGINNER(ling)AI
] ##THATS_HOW_i_TAWK_TO_MY_FAMILY_FRIENDS_NEIGHBORS_and_COLLEAGI
```

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```
LiTERACY = [
[ "ENGLISH_ADVANCED" ]
[ "SPANISH_BEGINNER", "SOMALI_BEGINNER", "OROMO_BEGINNER", "AMH
] ##THATS_HOW_i_KEEP_UP_WITH_MY_FAMILY_FRIENDS_NEIGHBORS_and_CO
```

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## ##EXPERiANCE##

### Linux System Engineer

Company NameIonic Security Full-time

Dates EmployedDec 2018 – Apr 2019 Employment Duration5 mos

LocationGreater Atlanta Area • Reverse engineered the company's existing SALT automation architecture and trained the windows staff

on how to use it • Maintained department Raspberry Pi nodes • Built out SALT server and minions to get refreshed on current automation technologies using RaspberryPi and Rasperian to test proposed solutions • Splunk first point of contact for query building and deployment configuration • Led migration from Ubuntu 14.04 - 18 as well as Centos 5-8. This included designing new templates and hardening existing ones • SALT state management for server builds • 24/7 Oncall service as single point of contact for department Linux issues

## CORPORATION = “Atlanticus”

### ROLE = “Linux Engineer”

Dates Employed Jan 2018 – Nov 2018 Employment Duration 11 mos  
Location Greater Atlanta Area

>> Support day-to-day admin and engineering operations, Splunk first point of contact, Ansible Architect, After Hours Support

Achievements: • Personally Built-out Ansible infrastructure and defined playbooks to automate AWS deployments • Worked with AWS daily to build, maintain, and deploy EC2 instances • Took lead in preparing company data in Splunk for PCI audit • Imported data into Splunk dashboards from various S3 buckets • Implement and adjust Nagios monitoring parameters • Provided patching and general sysadmin duties i.e. user creation, system servicing, IPA and Spacewalk management • Used Jenkins to deploy and troubleshoot software releases • Participated in On-Call rotation and managed notifications via PagerDuty and Nagios email alerts

>> Technical Environment: Red Hat Enterprise Linux 6/7, Jenkins, Puppet, AWS, Configuration Management, PCI finance

Linux Engineer Company Name RentPath Full-time Dates Employed Aug 2016 – May 2018 Employment Duration 1 yr 10 mos Location Greater Atlanta Area Support day-to-day operations, niche projects and azure cloud migration efforts, Build RPMs, After Hours Support

Achievements: Built Nexus Repo manager to support the developer's build process Migrated RHEL5 FTP system to Secure RHEL7 SFTP with LDAP backend Developed a solution for Github w/BASH, CRON and RUBY to keep current backups of 346 repos Implement and adjust Nagios monitoring parameters Used Splunk to gather diagnostic information

for internal and external teams. Used Git and MCollective to manage system configuration files and RPM build information Built servers on request via Puppet, Foreman, and VMware Support developers during software releases by splitting datacenter traffic, and troubleshooting system related deploy problems Configured HAProxy parameters for load balancing Participated in On-Call rotation and managed notifications via PagerDuty and Nagios email alerts

Technical Environment: Red Hat Enterprise Linux 6/7, windows 2008/20012, NetApp, Jenkins, Puppet, Foreman,AWS, VMware, Docker, MCollective, Configuration Management 3000+ servers.  
apartmentguide.com www.rent.com

Linux Engineer Company NameWeb.com Full-time Dates EmployedNov 2015 – Apr 2016 Employment Duration6 mos LocationGreater Atlanta Area Support 800,000 domain email infrastructure, including patching and managing hosted email platforms

Achievements: Track hardware health using in house EMS Build and deploy nodes for 200 node sendmail relay cluster using in-house configuration management VMware Administration and patch management

Technical Environment: Red Hat Enterprise Linux 6/7, Gentoo Linux, Sendmail, Qmail, Postgres, MySQL, Configuration Management, Cloud deployments, for 1,000,000+ users and 600+ server

Linux Administrator 5 Company NameNASA Jet Propulsion Laboratory Contract Dates EmployedJul 2015 – Oct 2015 Employment Duration4 mos LocationPasadena California

>> Administered, documented and debugged NIS+ infrastructure including NFS mounted home directories, JPL custom accounts and start scripts, Tomcat, Linux and SAN administration for Mars mission

Achievements:

>> Used Nagios to track hardware health for Mission to Mars  
>> Provided support and administration for SAS and Fibre attached storage devices to maintain SAN and backup infrastructure,.  
>> Compiled binaries using GCC to support in house applications.  
>> Created shell scripts via BASH/Expect to automate root password changes  
>> Provided desktop support for Sun Solaris workstations including processor swaps, ZFS administration, multi-frame buffer configuration and networking

- >> Assist in building Mars Reconnaissance Orbiters master Vmware Linux template
- >> Technical Environment: Unix/Linux/Mainframe , SaaS, NetApp NFS, Netbackup, vSpear 5.1, Salt, Puppet, PERL, Globally distributed datacenters

Linux Engineer Company NameSITA Full-time Dates EmployedNov 2012 – May 2014 Employment Duration1 yr 7 mos LocationGreater Atlanta Area

- >> Engineered and documented new processes to improve workflow. Provide root cause analysis during and after outages. Administer vSphere, Red Hat Linux and Oracle Solaris servers..

#### Achievements:

- >> Used Big brother and EMC Smarts EMS systems to monitor environment
- >> Created various BASH scripts to automate authentication and administrative related tasks.
- >> Remotely built a clustered centralized authentication system using Red Hat Enterprise Linux interface for BIND, Kerberos, and Ldap for London, UK datacenters leveraging existing DNS
- >> Provisioned disk space using Veritas VxVM and Sun ZFS from NetApp SAN shares.
- >> >> Provisioned disk space using Veritas VxVM and Sun ZFS from NetApp SAN shares.
- >> Managed patching via Red Hat Linux Satellite Server, to maintain PCI compliance
- >> Used networking and system tools such as top, ps, sar, nmap, tcpdump and NetScout as well as shell scripts and cron to troubleshoot and diagnose and resolve ambiguous performance issues.
- >> Provide technical support for vSphere 3.5,4.1,5 and 5.1
- >> Technical Environment: Unix/Linux/Mainframe , SaaS, NetApp NFS, Netbackup, Oracle 11g, Solaris LDOM, vSpear 5.1, Globally distributed datacenters, IBM Blade, 24/7, 2000 servers, ITSM/ITIL, PCI

System Support Engineer 2 Company NameGeorgia Tech Research Institute Dates EmployedNov 2006 – Jul 2011 Employment Duration4 yrs 9 mos LocationGreater Atlanta Area Achievements: Maintained fault tolerant multi-pathed fibre channel SAN fabric Administered, and developed patching methods and schedule for RHEL, windows and Oracle Solaris. Successfully created installation standards and migrated Oracle Solaris servers from UFS to ZFS to meet Oracle

standards. Created Puppet server and used it to manage web cluster configurations Manage, installed and supported Cisco 9xxx series fibre optic SAN switches. Built Configured and maintained ESX HA clusters Used Solaris LDoms and VMware hypervisor to create and manage virtual infrastructure Wrote scripts to automate site backups

Technical Environment: Windows 2003/2008, Red Hat Enterprise Linux 4/5/6, Solaris 10/9/8 Fibre Channel SAN storage arrays from HP, SUN, and Nexsan HP DL series AMD/Intel XEON servers, Sun T,V, and M series hardware platforms Supporting JBoss/PHP/Oracle/MySQL powered web applications for 1500+ users and several public web domains, 250 server

Backup Operator Company NameFiserv Full-time Dates EmployedMay 2004 – Oct 2005 Employment Duration1 yr 6 mos Manage backups and restores for over 30 terabytes of data composed of over 130,000,000 files and various Sybase, Informix, and Oracle Data bases stored on EMC Symmetrix RAID Disk and internal server storage

Installed fiber adapters, hard drives, and configured kernel parameters for HP 9000 Sun Ultra 5 servers

Organized and independently managed offsite rotation, and backup scheduling for file restores and disaster recovery made up of 1 L700 tape library, 1300 LTO1 volumes and a 12 week retention period using Openview Data Protector 5.5 and CRON.

Installed, Patched and maintained ACSLS robotic control software and 3 fiber connected StorageTek libraries on Sun Ultra 5 running Solaris 8

Used IOSCAN to diagnose missing device files and repair non-functioning devices in HP-UX

Acted as vendor Liaison for Fiserv with HP, Storagetek, Sun Microsystems, And EMC

Successfully deployed Overview data protector on HP 9000 pa-risc server running HP-UX configured with Storagetek L700 tape silo and 7 fiber connected LTO drives. Clients where successfully deployed remotely to 18 Unix based servers and locally to 10 windows Server 2003\2000 backup clients.

Managed Tape archiving for over 60 terabytes of data from Massive raid to tape migration



Developed and maintained standards for Backup system support and disaster recovery

Used SQL to query records, maintain tables, and keep track of archived tapes in Sybase Database

Used administrative tools such as SWinstall (HP-UX), PKGADD (Solaris), PATCH (Linux), and windows Update to manage system patching

Maintained contents of tape silos for disaster recovery and testing and company's DR site

Wrote various scripts in KSH and BASH to automate system patching, control tape library robotics for maintenance and operation, create various reports for tape accounting, and Issue special backup commands

Local Area Network Administrator Company NameTucson Unified School District (TUSD1.org) Contract Dates EmployedSep 2003 – Jul 2004 Employment Duration11 mos LocationTucson, AZ Duties: Windows 2000, XP & Linux network and client administration, Manage Active Directory database, Help Desk support, Technical writing, User account maintenance, Install/configure Software, Support and train site staff in Microsoft Office and Outlook, Implement and Support web applications, Build and configure servers and PCs, Network printing

Install Hardware including RAM, Modems, NICs, Video Cards, Hard Drives, and Printers for Linux and Windows Workstations

Developed and implemented Linux/Apache/PHP/MySQL Powered kiosk that successfully used an event scheduling web application to automate conference room scheduling

Troubleshoot web applications to find out if problem is caused by application server, application page, or database

Engineered and implemented Software documentation, policies and training materials that conserved resources and gave staff independence and technical empowerment

Administer, troubleshoot and update student and teacher roaming profiles Saved school \$7000 by building and implementing a LAN powered by Red Hat Linux for at-risk youths in need of computer

access.