



OBJECTIVE

To develop a career as a Cloud Architect in a dynamic professional institution that can utilize my proven skills in software virtualization and automation to its maximum potential for the benefit and development of the organization.

PROFESSIONAL SKILLS

<u>Scripting Languages</u>	<u>Operating Systems</u>	<u>Server Platforms</u>	<u>Wired Networking</u>
Python	AIX	IBM BladeCenter	Juniper QFX
Kornshell	Red Hat Enterprise Linux	IBM X Series	Cisco Catalyst/ASA
Bourne Shell	CentOS	IBM Power Systems	Sonicwall E Class
AWK	Fedora	HP Proliant Blade	HP Procurve
Sed	FreeBSD	Dell Poweredge	Dell Powerconnect
Ruby	Ubuntu		Force 10
	Scientific Linux		Watchguard XTM

<u>Storage Technologies</u>	<u>Software</u>	<u>Virtualization Platform</u>	<u>Monitoring</u>
Netapp	Apache	Xen	Nagios
QLogic SAN	Nginx	KVM	Cacti
Freenas	Mysql	Ovirt	Graphite
Gluster	Postgres	ESX/Vsphere	Sflow
Moosefs	Linux-HA	Eucalyptus	SNMP
Ceph	Heartbeat	Docker	Circonuos
			Logstash

CAREER EXPERIENCE

Groupon **Redwood City, CA**
Senior System Engineer **04/2014 - Present**

- The Lead Engineer on data centers hardware ingestion projects.
- Developed a Docker-based provisioning solution to support a microservices architecture.
- Provided leadership in the adoption Ansible configuration management across the organization.
- Developed and implement a process for integrating configuration management tools into continuous integration environment.
- Responsible for performance and availability of load balancing across the entire organization.
- Mentored fellow engineers to become leadership in their field for expertise.
- Liaison between network engineer and development teams.

Liveops**Redwood City, CA****Senior Systems Administrator****04/2013 - 09/2014**

- Lead System Administrator for automation, virtualization, storage, and virtualization.
- Acted as a liaison between operation and development.
- Modernized the deployment process by implementing puppet and foreman into the continuous integration chain.
- Designed and implemented 600TB+ storage virtualization to support global platform.
- Responsible for performance and availability of large, geographically dispersed web farms, application servers.

Telvue Corporation**Mount Laurel, NJ****Director of Network Operations****01/2012 – 04/2013**

- Devised as well as developed appropriate network architecture to support functional and system requirements.
- Completed a data center migration and redesign with the support of finance and officers.
- Provided training to the development on continual integration with Virtualization solutions.
- Developed the companies virtualizatisse appliance offering.
- Engineered a KVM Visualization based product that unified multiple product lines.
- Architect of the private cloud solution based on Linux KVM Virtualization.
- Implemented a internal and external monitoring solution using Nagios with custom plugins and Monitis.
- Developed, Architect, and Implemented a custom storage and replication solution.
- Knowledge base on Video over IP or IPTV with specialization in mulitcast distribution design.
- Implemented, supported and managed a Multi-vendor network environment with Juniper, Cisco, Extreme, Dell based Solutions.

Continuum Health Alliance LLC**Marlton, NJ****UNIX System Administrator, Network Administration****12/2008 – 12/2011**

- Procurement, planning , installation, and maintenance of all IBM Power Systems, Bladecenter, Linux, and Unix based systems.
- Installed software and applied patches for AIX, VMware, and Linux based systems,
- Installation and management SAN and NAS (Iscsi, NFS, and CIFS) environment.
- Planning and installation of all wired and wireless networks setup for 92 locations.
- Maintained documentation of rack and power diagram for both data centers.
- Expanded our the virtual infrastructure with Vsphere 4.0/ ESX 3.5 server technologies.
- Developed means to migrate to a Linux Kernal-Based Virtualization (KVM) path with Scientific and Redhat Virtualization from Vmware
- Storage capacity planning for Virtualization environment
- Developed two cluster Linux KVM test cases with Gluster and DRDB/Linux-HA
- Technical leads for all data-center maintenance or upgrades including rack layout and power distribution.
- Responsible for providing training and guidance for Junior Systems administrators on Linux and networking technologies .
- Procured, designed, and deploy a 802.11N wireless infrastructure for the company and 92+ care center locations.
- Created a high available mesh network for our wireless infrastructure to support critical applications.

**Jones New York – Ninewest Distribution Group
Systems Engineer**

**West Deptford, NJ
06/2008 – 12/2008**

- Coordinated system development tasks that included design, integration and formal testing of AIX and Windows Based environments.
- Developed a disaster recovery process for AIX Database LPARs and applications servers.
- Kornshell and bash based shell script creation, version control, testing and implementation.
- Testing of all software patches on AIX and Windows based environments.
- Develop and complete actions in system specifications, technical and logistical requirements and other disciplines..
- Ensure that service levels Agreement are met and that there is optimal allocation of the best available resources.
- Monitored and addressed the escalated AIX, Cisco, and Windows issues in timely manner.
- Upgrade the design for companies Motorola wireless networking.
- Successfully tested SOX Unix Operating System controls. Assisted development teams in fixing SOX related vulnerabilities in time to the satisfy of auditors.
- Adhering to all levels of PCI when engaging direct retail environments.

**Sage Software
TECHNICAL ANALYST III**

**Philadelphia, PA
09/2005 – 06/2008**

- Responsible for the implementation of Physician Practice management systems using various platforms.
- Developed wireless networks from site surveys to implementation through Pennsylvania.
- Troubleshooting wireless a/b/g networks with protocol and spectrum analyzers.
- Primary technical lead in the Philadelphia Area support over 50 client systems with AIX, SCO UNIX Openserver, Red Hat Enterprise Linux, Windows 2000/2003 server.
- Extensive Network monitoring and troubleshooting using OS tools and various other tools.
- Experience with multiple disaster recovery processes in both Windows and Linux/Unix environments after server crash.
- Responsible for connecting branch office's using various technologies, VPN, Frame Relay, PPP, Leased Lines using Cisco 1600/1700/2800 Series routers, Sonicwall routers, and SSL-VPN.
- Responsible for Installation and maintenance of many client networks with Active Directory Domain Structures.
- Daily exposure to client/server relationship best-practices and procedures.
- Creating new standard operating procedures and revising previously guidelines.
- Research and implement infrastructure changes to best suit the clients needs and requirements.
- Ensure compliance of HIPAA regulations.

CERTIFICATIONS

Network+ Certified
A+ Certified
Certified Wireless Networking Administration CWNA
Linux+

EDUCATION

Penn State University
Major: Computer Science

Schuylkill Haven, PA
08/1999 - 05/2004