

Nathan A. Calvas

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Objective: To achieve technical expertise in the field of System Administration & Information Security providing all-around skills that will assist businesses in the field of computer architecture, design and implementation of computer integration and management of computer system policies.

Education: Eastern Michigan University Ypsilanti, MI Jan. 2011 – Apr. 2012
B.S in Information Assurance May, 2012 (GPA 3.96) – Summa Cum Laude

Henry Ford Community College Dearborn, MI Aug. 2007 - Dec. 2010
A.A.S. in Network Administration May, 2009 (GPA 3.82)

Employment: MNX Solutions Monroe, MI April 2011 – Present
Senior Linux Engineer

- Managed Solutions Provider of System IT work on customer infrastructures with over 1000+ production servers spanned across 100 customers.
- Maintain and Manage a Cloud Hosting Platform (MNX.io) utilizing Juniper MX/QFX networking equipment and Dell/HP hardware running SmartOS.
- Work with control panels (cPanel/Plesk), apache, mysql, php, load balancers, haproxy, nginx and other Linux services to provide technical assistance to tickets and customer requests.
- Administer internal monitoring systems such as Graphite, Icinga, Nagios, Puppet, and Xymon as well as monitor Offsite Backup Services (RSYNC.net, Idera CDP/ServerBackup, Ahsay) for our internal backups and customer specific backup systems.
- Provide 24/7 monitoring services and troubleshooting server outages and hardware issues with servers running on Amazon EC2, Softlayer, Rackspace, Digital Ocean, Linode, GoGrid, Slicehost, 1&1, NYI, the planet, 100TB, and other datacenters with OOB access to servers.
- Administration of small Windows Client/Server Infrastructures with AD and Exchange.
- LVM, Syslog, Log Rotation, Bind, SIP, VoIP, Database, mail maintenance, and scripting.
- Basic Cisco and Juniper Router and Switch configuration for customer networks.
- MySQL Database Replication and Clustering.
- Realtime Data Monitoring with InfluxDB and collectd.
- Monitor/Maintain web clusters with HAProxy frontends and Apache/Nginx/JBoss/Tomcat Backends with custom HTTP response monitoring for backends machines.
- Maintain two separate global Cloudera Hadoop Clusters with HBase/SOLR replication via HBase with Zookeeper, and cross datacenter HBase replication between the Clusters.
- Deploy and Maintain Office365 Business through our reseller (Sherweb) utilizing Dir Sync for AD Synchronization.
- Work in a 24/7 On-Call Rotation.

Millennium Technologies Brownstown, MI Sept. 2007 - Present
System Engineer (Contractor)

- Setup and maintain a network with Active Directory running Server 2008 R2/2016.
- Setup and maintain a network with services such as file and printer sharing, application distribution, deployment of updates, group policy, database, and wireless capability.
- Provide upkeep and monitoring of firewall, anti-virus definitions/updates and applications on all computers utilizing Forefront Endpoint Security.
- Server replication with DFS to provide instant failover for internal applications.

Henry Ford Community College Dearborn, MI Feb. 2009 – October 2011
Computer Technician

- Provides desktop computer (XP and Win 7) and software (Novell Netware, Office, GroupWise, and Zen Works) support among a campus branch.
- Provide upkeep and maintenance of Administrative computers, printers, and devices.
- Enter/organize data into databases along with assisting in the development, updating, and maintenance of the SQL Server databases.

Certifications:

Apple Certified Support Professional (ACSP 10.10) September 2015 – Present
Apple Certified Technical Coordinator (ACTC 10.10) December 2015 – Present

Honors:

Dean's List Aug. 2007 – May 2010, Jan 2011 – Apr. 2012.

Affiliations:

Cisco Networking Academy Alumni Aug. 2007 - Present
Henry Ford Community College Alumni Aug. 2009 – Present
InfraGard Aug. 2016 – Present

Skills:

Applications: Acronis True Image, Adobe, AutoCAD, Backup Exec, Diskeeper Enterprise, Exchange (2003-2010), Microsoft SQL Server 2005-2012, Quickbooks Premier (2008-2018), TrueCrypt
Firewalls: Cisco ASA, Forefront TMG 2010, ISA 2006, Juniper SRX, Sonicwall, Zywall
Operation Systems: Microsoft Windows 95-10, Server 2000-2016 R2, Cent OS 4-7, Red Hat Enterprise 5-7, Ubuntu Server 8.04-18.04, Novell Netware 6.5
Programming Languages: Bash, Python
TCP/IP Networking: Cisco/Juniper Routing and Switching (BGP/VLAN/VRRP/HSRP), Wireless Devices, LAN, and WAN
Virtualization: KVM, SmartOS, Vagrant, VMware ESX Server 4/5/6, VMware Workstation, and Virtual Box.
Other: Active Directory, Apache, BIND, cPanel, DHCP, DNS, Dovecot, e-Directory, Exim, Google Apps for Business, Graphite, Group Policy, HAProxy, Hadoop, HBase, Icinga, Munin, MySQL, Nagios, Nginx, Office365, Plesk, Postfix, Puppet, Share Management, SOLR, Squirrel Mail, Windows Deployment Services (WDS), Windows Update Services (WSUS), Zookeeper.

Achievements:

Developed a Corporate Information Asset Protection Program (Company Management & Security Policy)

Outreach:

Participated in Summer Missions Trips (2004 – 2007)

- New York, 2007 – Helped build a church. (Framing, Cement, etc.)
- Massachusetts, 2006 – Worked with maintenance team for summer camp.
- Arkansas, 2005 – Re-modeled and re-roofed over 15 cabins for a camp.
- New York, 2004 – Assisted in running a day camp and participated in community service events for the local city.

I assisted the underprivileged with the remodeling of their homes.

I provided volunteer labor in the fall cleanup for the Taylor Community Center, City of Dearborn, and the elderly community.

Assist our church in the setup and maintenance of their servers, computers, and equipment.

References: Given Upon Request