Dehyu R. Sinyan

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SECURITY CLEARANCE: DOD SECRET

OBJECTIVE

To combine my experience and education in Windows/Linux systems administration, Systems engineering, and Information security with my talents and passion for technical and innovative leadership to obtain a position as a Devops/Cloud Engineer.

TECHNICAL KNOWLEDGE

- Windows, HP-UX, and Red Hat System Administration
- Linux Services: DHCP, DNS, SSH/SFTP, Samba, NFS, MYSQL, Software RAID
- Unix/Linux System Security: Hardening Apache, AIDE, IPtables, Syslog, Permissions, etc.
- F5 BIG-IP Local Traffic Manager
- VMware vSphere
- Python 2/3
- Flask
- Burp Suite

CERTIFICATIONS/TRAINING

Comptia Security+	January 2016
Windows Server 2008 Active Directory, Configuration	December 2012
Certified Associate in Project Management(CAPM)	March 2011
Pivotal Data Science in Practice training	August 2016
AWS Technical Essentials training	September 2016
AWS: Certified SysOps Administrator - Associate Level	October 2016

EDUCATION

2005-2009

UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, Catonsville, MD

Graduated in August 2009 with a B.S. in Information Systems

EMPLOYMENT HISTORY

February 2016-Present

DBA LINUX ADMINISTRATOR, Walter Reed National Military Medical Center, Bethesda

As a DBA Linux Administrator, my primary responsibility is to manage EMC's Data Computing Appliance (DCAv1), a platform running such services as Hadoop, Greenplum MPP, SAS, and Informatica to enable data science reporting and analysis at Walter Reed.

- Manage day-to-day administration of Greenplum MPP Database, to include managing accounts and access, monitoring logs and space, and troubleshooting (e.g. segment recovery, failover)
- Configure Greenplum to poll alert information through SNMP(gpsnmpd)
- Allocate memory to Jboss, as needed, to maintain healthy SAS web app instance
- Upgrade DCAv1 software to remediate ACAS scan CAT I findings
- Configure Snmp on RHEL 5.11 servers for DCA server level monitoring alerts

- Troubleshoot pgAdmin authentication issue. Restored functionality to all db users and established password-protected login in addition to current IP restricted access
- Perform Red Hat administration tasks, daily system checks, and troubleshooting of SAS, Informatica, and Greenplum issues from the server level

January 2015-January 2016

SYSTEMS ENGINEER – LINUX/UNIX, Metova/Army National Guard, Arlington, VA

As a HP-UX/Linux Systems Engineer, my role involved keeping systems up to date with security patches, monitoring and compressing logs and disk space, integrating Army National Guard Active Directory via LDAP and stunnel, utilizing PAM modules, and trouble-shooting and performing general Unix/Linux administrative tasks as needed on a daily basis.

- Manage HPUX 11.31 Itanium servers (Disk space requirement, performance, User access).
- Administer Redhat Linux V6 servers running in a virtualized environment
- Direct and support Apache software
- Review init startup scripts and syslog to troubleshoot system errors
- Make .bash_profile and .bashrc changes per customer request
- Support Oracle 10g, and Cognos applications
- Maintain McAfee Signatures downloaded from DOD Patch repository
- Handled downloading and mitigating any security issues from the Security technical
- Implementation guides (STIGs) for HPUX and Linux systems
- Accountable for downloading Security Content Automation Protocol (SCAP) and for compliance scanning

April 2014- November 2014

ENGINEER, TIER III SUPPORT, Foxhole Technology/DISA, Ft.Meade, MD

As a Tier III Support Engineer with Foxhole Technology, our contracts final deliverable involved preparing for a HADOOP storm deployment over RHEL. I was responsible for both pre and post deployment functions. Additionally, I supported the CMRS/DPMS systems by: troubleshooting issues, working with the development team to identify necessary updates, and providing support to the Operations team to assist with implementations.

- Configured Authentication in RHEL environment, pre Hadoop deployment
- Configured iSCSI Target and Initiator in RHEL environment, pre Hadoop deployment
- Configured Logging in RHEL environment, pre Hadoop deployment
- Configured a Cache-only DNS Server in RHEL environment, pre Hadoop deployment
- Configured NFS File Sharing in RHEL environment, pre Hadoop deployment
- Configured SAN per CMRS Design layout and created LUNS for CMRS v.2.0
- Report failed nightly jobs with reason for failure
- Proposed Production SAN layout for CMRS SQL and Web servers
- Verified data from ingest reflects accurate size in WebpipelineX directory
- Followed-up on failed IAVM's and troubleshot false positives
- Disabled EUM site in IIS boxes on NIPR
- Brought both Netscaler and load balancer online per CCB request
- Ran profiler in SQL database to determine any query related issues with server

June 2013-December 2013

SYSTEMS ADMINISTRATOR (TEAM LEAD), Kforce, Arlington, VA
Hired as an employee within the Systems Imaging team at the Pentagon. The main objective for our team is to schedule and perform software installations and upgrades, and maintain them in accordance with established IS policies, procedures, and SLAs.

- Performed imaging of up to 100 computers each day
- Validated bios configuration, memory, installed software, and fiber nic connectivity
- Transferred/Mounted user data files into upgraded OS environment
- Encrypted laptop hard drives using Data Armor

- Integrated CACs with Active Directory
- Utilized SCCM to install approved applications to end user machines

August 2012-September 2013

SYSTEMS ENGINEER-IT SR, Lockheed Martin, Arlington, VA

Hired as an employee within the Wintel Operations division at TSA ITIP headquarters. The main objective for our team was to perform daily server monitoring using Solarwinds, verify the integrity and availability of all hardware, server resources, systems and key processes, review system and application logs, and verify completion of scheduled jobs such as backups.

- Reported malicious server/system events and suspicious network triggered alerts
- Monitored security audit and intrusion detection system logs for system and network anomalies
- Removed or Disabled Unnecessary Services: disable FTP, HTTP, external SSH access on mail servers
- Reconfigured Banners to not report mail server version and OS
- Viewed traffic log to determine why applications were being blocked unintentionally as a result of firewall policy
- Installed Mail server application on dedicated host and applied patches before putting server into production
- Configured Windows Server 2008 Hyper-V virtualization for servers
- Installed and configured NetIQ Security Manager Agents

January 2011-July 2012

CONFIGURATION ANALYST, Prism Inc, Arlington, VA

Hired as a contract employee within the Backup and Recovery division at TSA ITIP headquarters. The main objective for our team was to perform daily backup operations, ensuring all required file systems and system data were successfully backed up on appropriate recovery tapes or disks, and that media was recycled and sent off site as necessary.

- Utilized database backup and restore to perform on-demand backup of database
- Utilized NetIQ control center to monitor server health and report failovers
- Installed Netbackup 7.0.1 Windows client
- Conducted mail exchange restores using Netbackup *Backup, Archive, and Restore utility*
- Used Netbackup 7.0.1 administrative console to perform weekly tape ejections and file restores
- Created uVoip_Backup file shares per remedy ticket client request
- Performed iShare restores per remedy ticket client request
- Used NetIQ control center to monitor server health and report failovers
- Monitored the progress of backups and generate weekly status reports

June 2010-December 2010

TECHNICAL PROJECT MANAGER, Maryland Business Roundtable for Education, Baltimore, MD

While working as a contractor, analyzed, defined and implemented processes for user administration (requested and required approvals). Utilized Symantec Endpoint Protection for security administration (access rules changes: job roles, profiles). Oversaw all product development and support, including planning, resource assignment, risk management, budget estimates and tracking, internal and external status reporting, quality assurance, performance monitoring and change control.

- Established protocols for backups,security,virus protection and other procedures essential to eliminating downtime or data loss
- Identified information assurance and security needs; determining strategies to mitigate problems associated with system security and vulnerabilities
- Prioritized and planned projects and tasks, directed technical support, researched emergent technologies, developed and implemented disaster recovery plans
- Maintained data and communicated to stakeholders the impact on business/customer caused by theft, destruction, alteration or denial of access to information
- Worked with basecamp project management collaboration tool to manage the organizations cyber security project

- Created a risk plan that addressed issues regarding Information Security
- Worked with web developers in the design and usability of the web site
- Initiated and tracked the effectiveness of outreach programs
- Engaged staff in the use of stakeholder, communications, and issue management processes.
- Prepared reports, including charts and graphs, and presented recommendations for action plans to management

June 2009-March 2010

SYSTEMS ANALYST, University of Maryland, Baltimore County, Baltimore, MD

- Assisted Analysts from Northrop Grumman and Lockheed Martin to define the Maryland Business Roundtable's system requirements and develop recommendations for improving and streamlining their processes
- Consulted with Customers to determine and review hardware, software, and system functional specifications
- Assisted with creating entity relationship and process flow diagrams based off of MBRT's current data model
- Responsible for defining the technical functionalities of the MBRT organization and identifying opportunities for data integration
- Determined level of effort, estimation of hours, and cost to implement in areas of opportunity