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Objective	I am seeking a challenging position as Systems or Storage Administrator in a technology-reliant, team-oriented company, where I can utilize and expand my skill set for the benefit of the firm.

Skills Summary

Systems Administration	- Services design, installation and distribution (jumpstart / kickstart) - Performance-tuning according to need (web, file-service, email, database) - System maintenance (upgrades, system and security patches) - User account maintenance, application installation and support - Package creation, inventory - Procedure creation, documentation, and extensive troubleshooting experience
Operating Systems	- Linux (RedHat Enterprise, CentOS 5/6/7, Ubuntu 7.10–14.04LTS) - Solaris 2.6 thru 9 (SPARC and x86 platforms) - Windows Server 2003, 2008-R2, and 2012-R2
Hardware	- Dell PowerEdge and SuperMicro servers - Dell/EMC VNX 5x00/7x00 Unified, Unity, and eNAS storage arrays - Isilon IQ9000/12000/72000/X200/X4x0/NL4x0-based clusters - NetApp FAS3000/6000/2500/8000-series clusters 3PAR StoreServ 7440c/7450 - DataDirect GridScaler storage systems (SFA10k controllers and SS6000 disk enclosures) - Avere FXT 3850 Edge Filers - Hitachi AMS500 and 9500 series - Brocade DS16B/ DS32B/DS300B fibre switches - Foundry ServerIron load-balancing products (ServerIron XL)
Software Packages	- Isilon OneFS 4.7/5.0/6.0/6.5/7.0/8.0/8.1 (including compliance mode clusters) - Isilon InsightIQ and Data Insights Connector - NetApp ONTAP 8.1/8.2/8.3 7-mode and Cluster-mode - NetApp OnCommand Unified Manager (OCUM) and Harvest (community tool) - IBM GPFS 3.1-3.4 - SwiftStack/OpenStack Swift - iRODS (Integrated Rule-Oriented Data System) - Ceph (Emperor, Hammer, and Jewel) - Signiant Manager + Agents - FAI, Kickstart, Ansible - Nagios 3 and Centreon 2.1, Graphana, netdata - Varonis DatAdvantage/DataPrivilege/DatAlert - EMC NaviSphere Manager, Powerpath, ControlCenter (4.x and 5.1) - Linux KVM, VMWare ESX and ESXi server, VSphere - Quagga, Linux-HA, Bind, qmail, Postfix, SPF/SenderID/Domainkeys, - Postgres, MySQL
Programming Languages / Scripting	- Perl - Python - sh/ksh - sed & awk
Certifications	- NetApp Certified Storage Associate (NS0-145 10/14) - NetApp Certified Data Administrator in progress
Languages	Fluent in English and Portuguese, some Spanish

Professional Experience

04/2017 – Present

Senior Storage Engineer – Citadel LLC (Chicago, IL)

Citadel (https://citadel.com) is an American global financial institution. Founded in 1990 by Kenneth C. Griffin, the company operates two primary businesses: Citadel, one of the world's largest alternative asset managers with more than $25 billion in assets under management; and Citadel Securities, one of the leading market makers in the world, trading products including equities, equity options, and interest rate swaps for retail and institutional clients.

- Manage and support all Isilon clusters (Compliance mode)
- Manage and support all EMC VNX Unified arrays (NFS and CIFS)
- Manage and support global Varonis platform for firm-wide compliance audit and file system permissions management
- Manage and support global Signiant file replication platform for business data transfers between offices
- Provide dedicated support to mission-critical application groups for key project implementation
- Work with business groups to understand and address capacity needs and performance requirements
- Assist developers with evalutating, testing, and benchmarking of on premise S3-compatible storage solutions
- Work with the Help Desk team on ticket escalations
- Assist key groups with sensitive data management and processing as required by SEC regulations (Rule 17a-4)
- Mentor junior members of the team on system and storage administration best practices
- Provide extensive documentation for production processes and troubleshooting steps for production issues
- Research and evaluate emerging technologies for suitability in our environment
- Serve as primary escalation contact for all storage-related issues
- Provide 24/7/365 support as member of on-call rotation

02/2016 – 02/2017

Storage Architect – StackPath (Los Angeles, CA)

StackPath (https://www.stackpath.com) is the intelligent web services platform for security, speed and scale. It is the first platform to unify enterprise security solutions by leveraging collaborative intelligence that makes each service smarter and more secure with every threat detected, in addition to vastly improving the customer experience.

- Design and implement benchmarking process for testing opensource storage solutions
- Research and deploy proof-of-concept clustered storage platform
- Operational management, troubleshooting, and tuning of legacy storage environment
- Monitor capacity and performance of legacy systems
- Manage and support data migrations of critical customer data
- Serve as primary escalation contact for storage production issues
- Troubleshoot performance issues affecting CDN customers
- Assist systems group with provisioning and operational tasks as required
- Work with Development gro
- Perform datacenter hardware maintenance and deployment
- Travel to local and remote datacenter locations to maintain or deploy hardware as needed

10/2014 – 02/2016 **Senior Storage Administrator – DreamWorks Animation (Glendale, CA)**

DreamWorks Animation (http://www.dreamworksanimation.com) creates high-quality entertainment, including CG animated feature films, television specials and series and live entertainment properties, meant for audiences around the world. Thanks to movies like Shrek, Kung-Fu Panda, Madagascar, and How To Train Your Dragon to name a few, DreamWorks Animation is recognized as one of the most admired family entertainment brands in the world.

- Support multiple movie production teams' storage requests
- Update and maintain production storage clusters, both SAN and NAS-based
- Monitor capacity and performance of storage infrastructure using both in-house and vendor-provided tools
- Assist in datacenter hardware deployments and direct remote-hands staff
- Manage multiple storage clusters with production-critical data, totaling over 8 Petabytes usable space
- Serve as primary escalation contact for storage production issues for the NOC staff
- Troubleshoot performance issues affecting studio and render farm clients
- Deploy and upgrade production and DR clusters
- Travel to local and remote datacenter locations to maintain or deploy hardware as needed
- Work on customer-facing tickets as requested by Helpdesk and Production teams
- Assist developers with production software deployments
- Support development teams, providing staging areas for testing new production pipeline software
- Provide documentation for production processes and troubleshooting steps for production issues

09/2008 – 10/2014 **Senior Systems Engineer - EdgeCast Networks, Inc. (Santa Monica, CA)**

EdgeCast Networks (http://www.edgecast.com) is a Los Angeles-based content delivery network (CDN) form in 2006. In 2009, Edgecast was named as the number three CDN by the Yankee Group. Clients include Gawker, Imax, Mahalo, WordPress, and LinkedIn. Edgecast operates datacenters in London, Paris, Frankurt, Los Angeles, New York, Atlanta, Singapore, Hong Kong and Tokyo.

- Researched and implemented automated provisioning system for rapid server deployment
- Updated and maintained provisioning system as needed
- Created local package repositories in each datacenter to allow for quicker update deployments to production systems
- Managed Nagios 2 monitoring system and migrated to a Nagios3/Centreon implementation
- Assisted in datacenter hardware deployments and directed remote-hands staff
- Managed multiple backend storage clusters with mission-critical customer data, totaling over 8 Petabytes usable space
- Maintained load-balanced FTP clusters in multiple geographical areas
- Served as primary escalation contact for any production issues for the NOC staff
- Troubleshoot multiple streaming media technologies including: Windows streaming, Flash live and on-demand streaming
- Deployed new servers as required by production loads
- Traveled to local and remote datacenter locations to deploy customer hardware if necessary
- Worked on customer issues as requested by the Support team
- Assisted developers with production software deployments
- Mentored junior members of the team on system administration best practices
- Provided documentation for production processes and troubleshooting steps for production issues

08/2006 – 09/2008

<u>**Senior Systems Administrator II – Rent.com (Santa Monica, CA)**</u>

Rent.com (http://www.rent.com) was founded in 1999 and acquired by Ebay in 2004. As the leading pay-for-performance rental listing site, Rent.com is visited by thousands of users every day in search of their new home. By working with large property managers across the US, Rent.com has been able to provide users with free rental searches and a $100 reward when they sign a lease on a property found on their site.

- Supported existing load-balanced Linux webserver cluster
- Deployed and maintained staging servers for Quality Assurance group
- Created and maintained a package repository to ensure uniformity of software releases on production systems
- Network, system, and application monitoring using MRTG, Nagios, and Mon
- Assisted a team of 12 senior Perl developers and 8 Oracle DBAs
- Managed a large-scale Postfix installation, with over 50 virtual mailhosts
- Archived and maintained extensive logging information from the webserver cluster using network-attached storage systems
- Supported production and development Oracle databases running on both Veritas server cluster (Sun V440 hardware, Hitachi 9500 SAN) and Oracle RAC cluster (on T1000 hardware, AMS500 SAN)
- Recommended and selected hardware to meet current requirements and future growth

09/2004 – 08/2006

<u>**Senior Systems Administrator – Vendare Media (El Segundo, CA)**</u>

Vendare Media (http://www.vendaremedia.com) is a leading online media and marketing company providing solutions for brand marketers, direct marketers and web publishers. Reaching more than 120 million consumers worldwide every month through its proprietary and extended media networks, Vendare Media provides advertisers and publishers with a suite of online solutions including display advertising, co-registration marketing, email marketing, search marketing, promotions and advergaming.

- Obtaining and negotiating colocation services from multiple providers
- Designing and implementing new colocation systems for deployment of new projects
- Managing and monitoring multiple colocation facilities
- Maintaining and deploying new systems to accommodate increasing customer traffic
- Deploying the Content Management System, a New.Net initiative, to deliver targeted results according to client searches, including all required hardware and software
- Managing the Vendare Media DNS infrastructure, including 30 DNS servers and over 600,000 domain names
- Supporting and maintaining all Informix, MySQL, and Postgres database servers for New.Net registry and New.Net Client metrics
- Assisting the developer and QA staff with software deployment and bug resolution
- Deploying new software revisions to the production environment

Educational Summary

1993 - 1995

<u>**Polytechnic University (Brooklyn, NY)**</u>

Pursued a double major in Electrical Engineering and Computer Science