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SUMMARY

Proactive devops engineer with in-depth experience managing and maintaining UNIX and Windows servers in local and wide area networks. Expertise with network management software, personal computer and network hardware, and many manufacturing and productivity applications.

TECHNICAL SKILLS

OPERATING SYSTEMS: AWS, Linux, Windows Server

SOFTWARE: Kubernetes, Chef, Terraform, Apache, Nginx, many more

NETWORK: F5 Big-IP Local Traffic Manager, Juniper, managed switches

HARDWARE: Intel servers, SPARC servers, Juniper managed switches, bar-code scanners, hubs, switches, printers

LANGUAGES: BASH, Python, Terraform

EXPERIENCE

Tacen   **May 2021 - September 2021**
Cryptocurrency / Finance
Devops Engineer

Devops engineer for decentralized finance startup. Sole resource for supporting company IT operations, and developing infrastructure to support build, and daily operations of Tacen's services.

• Developed, and implemented, code and process to validate code signing using PGP keys.

• Laid out roadmap, developed requirements, to work hand-in-glove with developers to build infrastructure and process.

• Built and maintained in-house capability for docker and NPM repository and chart museum, to support development, using Linode Kubernetes Engine,helmfile, and terraform. Developed requirements and began to develop follow-on efforts for improvement.

• Developed and maintained continuous integration jobs using GitLab backend to deploy application software

Universal Music Group   **May 2020 - May 2021**
Entertainment

Senior Systems Engineer, Corporate IT

Engineer for the newly created Corporate IT group, with the mission to insource a diverse array of services and responsibilities. Responsible for 3rd tier support for servers and associated services including front-line applications, back-end services across cloud and on-premises data centers.

• Key team member for servers to relocate applications and services from a large, obsolete data center to cloud and a new on-premises data center. Recognized by leadership as saving the company two million in savings.

• Led multi-team effort to reduce costs in cloud: identifying abandoned and underutilized resources including disk, virtual desktop, and un-utilized load balancers. Estimated savings from the desktop initiative at around 60k.

• Led team automation initiative for server provisioning and upkeep to include use of Github for script and code sharing, and standing up Chef and Ansible installs to determine which is optimal for UMG use.

Mission   **January, 2015 – May 2020**
Managed Services and Consulting

Senior Cloud Engineer, Operations

Operations Engineer for a managed services provider. Responsible for the daily and long-term environment of a diverse array of customers, including Tier 3 operations, providing guidance to management and guidance, oversight, and mentoring to Tier 1 and 2 engineers.

• Key engineer for long term effort to standardize automation and application delivery on Terraform and Chef.

• Directly responsible for the success of a project that migrated a traditional on-premises customer-facing environment into an AWS on-time and budget, with no unexpected downtime.

• Key technical asset assisting management to establish and define a formal tiered hierarchy, allowing operations to reduce major incident management tickets by 80% over two months, and increase customer satisfaction over the same period.

Cicayda LLC, Nashville, Tennessee   **July, 2013 – December 2014**
Legal Technology and Services

Systems Administrator

Systems administrator for a small, growing company in the legal technology field. Responsible for day-to-day administration including production SaaS system, customer service support teams, for a diverse set of systems: local data center, Amazon Web Services hosts.

• During an unexpected systems outage following a migration from AWS to hosted systems, spearheaded restoration of systems on AWS, including customer data.

• Assisted migration of existing Ansible framework from version 1.1 to 1.5, requiring major restructure of logic and associated playbooks.

• Stood up and configured Active Directory and related services for Services group, including processing services and server farm.

PLEXUS CORPORATION, Neenah, Wisconsin   **September 2000 – July, 2013**
Electronics Manufacturer

Systems Administrator

Systems Administrator with Enterprise Resource Planning group, providing systems administration for global deployment and operation of the JDE ERP system. Responsible for deployment and operation of manufacturing systems utilizing JDE, Oracle and related technology, including Oracle, Agile PLM, AribaBuyer, barcode scanning systems, label printing systems and file, print and fax services, on Solaris and Windows Servers.

• Led pilot project to implement orchestration and management of servers using Puppet automation software. Project successfully managed a dozen servers, turned over pilot to my peers on departure from the corporation.

• Participated in six implementations of JDE system in remote facilities, with no unplanned production outages. During these rollouts directly responsible for success

of bar code scanning and label printing system.

• Responsible for installation and operation of AribaBuyer purchase order system, enabling purchasing department to centralize operations, eliminate costly and redundant paper-based purchasing system, and reducing cost-to-purchase from (estimated) $10 per transaction to less than $1,00 per, as well as increasing speed of purchase order from weeks to hours.

• Upgraded Product Lifecycle Management software to major new version, while moving systems to a virtual environment, changing application servers to new platform. Directly responsible for upgrade on-time and with only planned disruption. Directly responsible for implementing F-5 Big-IP local traffic management (LTM) allowing for transparent failover and ease of maintenance.

• Expanded Local Traffic Management (LTM) to include mission-critical in-house shop-floor system, allowing for easier growth and maintenance of web-server farm. Became familiar with F5's TCL-based iRule language to manage traffic flow, inject data in payloads.

• Utilizing 'found' hardware in storage, retrieved CAD files from a ten year old backup tape set that, while not directly billable, provided enormous good-will to customer, who was otherwise facing a major re-engineering effort.

TECHNICAL EDUCATION AND CERTIFICATION

AWS Architecture Associate - 2017
Network Appliance Data ONTAP Fundamentals - 2006
Solaris 9 Advanced Administration - 2003
Certified Solaris 7 System Administrator - 2000
Solaris 7 System Administration I and II - 2000
Network Operations Management Seminar - 1999
7 Habits of Highly Effective People - 1999
Core Technologies of MS Exchange Server 5.0 - 1997
Certified Banyan Specialist - 1996
Small Computer Systems Course - 1992