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# Jessica Claire

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## SUMMARY

I am an “Innovator”, I can always come up with new ways or techniques to accomplish the given task by using new technologies and ideas, Because I believe “Innovation requires everywhere”.

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## SKILLS

- Apache, Nginx, Linux, NFS, Samba, SSHFS, SSH, VMware, AWS, IAM, VPC, EC2, S3, Docker, Icinga, Zabbix, Prometheus, Grafana, Ansible.
- O/S SUSE SLES 11,12,15, Ubuntu, RHEL 5,6.x,7, Cent OS,
- Configuration Management tools Jenkins, Ansible, Docker.
- API, Services, RAID, Upgrade, Automate, IP, Red Hat Linux, Upgrading
- Database, Network administration, Scripts
- Decision-making, Network Cards, Shell scripts
- Dell Servers, Network and Security, Scripting
- DHCP, Network security, SLA
- HTTP, Programming, Troubleshooting
- Hub, ProLiant, UNIX
- Image, Protocols, UNIX servers
- Instruction, PXE, UNIX Shell

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## EXPERIENCE

**Devops Engineer**, 08/2019 - Current

**Xylem Inc.** – Madison, WI

- Deploying Infrastructure as Code using ansible.
- Creating RESTFUL API to deploy infrastructure using python.
- Experience Working on C220/240, M4, M5 Rack Server.
- Experience working with UCS Manager.
- Experience working on Red hat Satellite 6.x.
- Have Experience working with package Patching and OS patch, WannaCry patch, ESXI patch.
- Hands on Provisioning patches on Servers using YUM OR RPM management tools.
- Hands on Experience working with vast virtualization Environment using ESXI.
- Configuration Vcenter.
- Configuring DNS Service, DHCP, PXE Services.
- Configure PXE boot server for kickstart installation.
- Configure ROUTER, SWITCHES, and FIREWALL.
- Configuring TFTP, DHCP, DNS Servers.
- Creating and maintain user, groups account on Linux servers.
- Experience in creating Docker Containers leveraging existing Linux Containers and Images’ in addition to creating Docker Containers from scratch using Dockerfile.
- Knowledge of installing Linux server (RHEL6.X, 7.X) from scratch using kickstart.
- Configure RAID (1,2,6,5,10) on ESX host and Productions Server.
- Clustering, ESX installation & maintenance, VM creation & VMware Management.
- Quickly arrange repair for hardware in occasion of hardware failure.

**Linux System Administrator**, 10/2018 - 08/2019

**Booz Allen Hamilton Inc.** – California, MD

- Experience in creating Docker Containers leveraging existing Linux Containers and Images’ in addition to creating Docker Containers from scratch using Dockerfile.
- Knowledge of installing Linux server from scratch using kickstart and Golden images.
- Deployment, configuration and administration of VMware VSphere 5.x and 6.x environments.
- Have Experience working with package Patching and OS patch, WannaCry patch, ESXI patch.
- Building Golden Images for SUSE Enterprise and Ubuntu-Server using kiwi and cubic.
- Creating VM-Templates for instance Deployment.
- Work with HP-ProLiant DL380 , Super Micro , Dell Servers.
- Update system as soon as new version of OS and application software comes out.
- Applying Patches and troubleshooting issues.
- Installing Network Cards, Mellanox Card, Disks, KVM, Switches , Infiniband Switch.
- Configure Internal and External network.
- Creating VLANS for Netgear Networking.
- Implemented High Availability Setup using Distributed Replicated Block Device (DRBD) replacement of shared storage systems by networked mirroring.
- Experience Configuring File Sharing System using SAMBA, NFS, SSHFS.

**Linux Admin**, 07/2015 - 09/2018

**Apex Systems** – Bellevue, WA

- Day to day resolving ticket issues.
- Creating and maintain user, groups account on Linux servers.
- Knowledge of installing RHEL server from scratch using kickstart and Pxe boot.
- Deployment, configuration and administration of VMware VSphere 5.1 environments as well as Red hat (5.and 6.x) installed required binaries and packages.
- Maintain and installing of RPMs and custom package repositories.
- Deploy, install and configure.
- Hand on experience in data center, work with architecture team to design test, build and support infrastructure.
- Good knowledge of LVM, which includes creating, PVs, VGs, LVs and file systems and troubleshooting.
- Involved in complete administration tasks on UNIX, RHEL and documentation for the project executed.
- Responsible for installation, configuration and administration if RHEL on x86 architecture.
- Rapid provisioning and configuration management for CentOS, Kickstart.
- Build automatic provisioning system with Kickstart and Golden Image.
- Architected and implemented automated server provisioning using Kickstart.
- Installed, monitored and supported Web and Application servers on Linux environments.
- Implementation and setup of local Linux disk backups using open Source applications.
- Profound understanding of networking on UNIX.
- Installed and configure over 220+ Linux Servers (Redhat and Centos) both physical and virtual machines.
- Outstanding decision-making and problem-solving skills.
- Provide support in a demanding 24/7 Production environment in Linux (SuSE, RHEL).
- Setup configuration file for kick start environment for Linux production and test systems.
- Knowledge of built, manage and maintain Cisco UCS enclosure and Blades.
- Connecting blades to IO modules and Fiber interconnect.
- Creating Profiles on new blades with templates with in SLA.
- UCS cluster redundancy testing to ensure VMware vMotion capabilities and full redundancy of cluster (HA).
- Rack/Stack, Cables, Logical configuration, deployment of UCS clusters.
- Provide remote support for field engineers.
- UCS project to stabilize the environment migrate to UCS central, create standard server profile policies.

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## EDUCATION AND TRAINING

**Master’s**: Computer Science, 2017

**northwestern university** - CA

**B. Tech**: Computer Science, 2014