# Objective

DevOps Engineer working in the IT industry for the last 8-9 years. Extensive knowledge with various Linux distributions and enhancing current infrastructure with cutting-edge technologies such as Ansible, Chef, Terraform and Jenkins. Automate redundant tasks and provision servers and support applications to ensure that the systems are up and running 24/7. Expert in installing and maintaining critical applications in Physical, Private and Public cloud environments. Detailed oriented and a team player seeking an opportunity to deliver high performance and resolve technical issues in a timely manner.

# Skills

* Linux (RedHat / CentOS (6,7))
* AWS (EC2, S3, IAM, VPC, Route 53, CloudWatch, ALB, NACL, RDS, VPC)
* Azure, GCP Cloud Technologies
* Terraform
* Configuration Management (Ansible, Chef, Terraform)
* Scripting (Shell, YAML)
* Virtualization (VMware, vSphere, ESXI Hypervisor)
* Cloud (AWS)
* Security (SELinux, Iptables, MFA)
* Monitoring (Nagios, Splunk, Grafana)
* CI/CD (Jenkins & Ansible)
* Containerization (Docker)
* Patching (YUM, RPM, RedHat Satellite)
* GitHub
* User/Disk Management

# Experience

## Konica Minolta, Ramsey, New Jersey

## Devops Engineer [Sep. 2019 – Present]

* Provisioned VM’s on vSphere and AWS using Ansible Playbooks to automate the provisioning process.
* Implemented Ansible Automation Platform to centralize and streamline infrastructure automation workflows.
* Utilized the Ansible Tower component for enhanced control, security, and scalability in automation processes.
* Utilized Ansible roles for application deployment in non-production and production environments to simplify large Ansible Playbooks.
* Created Ansible playbooks to deploy and manage infrastructure components such as EC2 instances, VPCs, and S3 buckets
* Proficient in using Ansible to dynamically provision AWS resources based on requirements
* Utilized Ansible dynamic inventory scripts to automatically discover and manage AWS resources.
* Orchestrated end-to-end deployment processes, including building, testing, and deploying applications using Ansible
* Applied Ansible tags and handlers to trigger Playbooks to fit environmental needs.
* Designed and implemented infrastructure as code (IaC) solutions using Terraform to automate the provisioning and management of cloud resources.
* Managed infrastructure lifecycle with Terraform, including creation, modification, and deletion of resources on AWS, Azure, and GCP.
* Implemented Azure Resource Manager (ARM) templates to automate the provisioning and management of Azure resources, ensuring infrastructure as code (IaC) best practices.
* Modified Ansible Python modules to obtain desired results.
* Streamlined projects using Ansible roles from Ansible Galaxy.
* Strong networking knowledge; routing & switching, VPN, ASA Firewalls, DNS, DHCP etc.
* Strong RHEL based Linux system administration skills managing DNS, DHCP, firewall rules, and other services using configuration management tools
* Provisioned EC2 instances and implemented AWS security models to secure infrastructure security.
* Migrated resources from on-prem to AWS Cloud using AWS Server Migration Service (SMS).
* Applied AWS IAM roles for user management purposes.
* Resolved Linux Vulnerabilities to enable high strength ciphers.
* Wrote Chef cookbooks to follow logs in real time.
* Utilized Chef to deploy and manage servers and applications in-house and on the cloud.
* Capitalized Chef in DevOps automation to seamlessly improve workflow.
* Utilized GitHub to store codes and created custom repositories.
* Experienced with Docker containers and Docker Swarm.
* Testing new release version, documented procedures, reviewed code for the Workplace Hub Devices.
* Unix server RHEL/Ubuntu technologies, including provisioning, patching and configure systems.
* Worked with CI/CD tools for Deployment purposes (i.e Gitlab, Jenkins).
* Engaged with Development Teams to provide Production management support for the OS and In-house Applications.
* Performed Backup management for all Production devices using Acronis Cyber Cloud.
* For Patch management, configuration on a large scale used Landscape by Canonical which involved running Bash Scripts, Python Scripts and Ansible playbooks.
* Used Bash scripting daily for day-to-day activity and for automation.
* Exposure to Python in a Non-Production and Production environment.
* Resolved Kernel Panicking issues while working with the application owners.
* Performed RHEL 6 to RHEL 7 migration and documented issues along the way for future purposes.
* Responded to Production environment issues in a timely manner while following SLA/SOP.

## Bank of America, Charlotte, North Carolina

## Linux/DevOps Platform Engineer [Sep. 2016 – June 2019]

* Testing and evaluating network systems to eliminate problems and make improvements.
* Experience working on AWS infrastructure “Hybrid cloud environment”.
* Perform system level support for Oracle applications and database servers, Java application servers and other large-scale databases in a UNIX environment.
* Responding to production issues quickly as possible and fixing those issues.
* Automating tasks by using bash scripting.
* Adding users and assigning groups for different teams in the organization.
* Resolved any tickets received by the clients (P1, P2, P3).
* Experience in implementing and managing virtualization using VMware vSphere Client.
* Patched and remediated vulnerabilities the servers using RPM and YUM.
* Worked closely with the Development teams and troubleshoot any problems they had.
* Responsible for partitioning hard drives using fdisk and modifying them to LVM.
* Resolved any problems with the SSH, HTTP, HTTPS FTP, or any other services which can affect production servers or any development servers.
* Worked with VMware and provided any incident management assistance needed.
* Managed about 200-250 servers using Vsphere web clients.
* Deployed new Software and hardware environments needed for the organization.
* Managed patching servers, used snapshots for backing up.
* Monitored Performance of the system and Kernel Tuning.
* Set up a Yum Repository for in house use.
* Provisioned Linux distribution on bare-metal using PXE-BOOT.
* Extensive knowledge on increasing the network bandwidth using NIC bonding.
* Extensive knowledge automation tool Ansible, used to provision, configure, and sometimes patch servers. Ran playbooks on a daily basis to implement changes.
* Monitored Linux servers health, used different tools such as TOP, VMSTAT, LSOF, IOTOP, IOSTAT for maintaining a healthy environment.
* Exposure to tools such as Jenkins and Dockers.
* Respond to production issues immediately to ensure no or the least amount of down time.
* Handle networking issues using sniffer tools such as TCPdump and Wireshark.
* Managed clustering of virtual machines across physical hosts.
* Provided break-fix support.

## New York Presbyterian Hospital, New York City

## Linux Administrator [Mar. 2015 - Jun. 2016]

* Patched Servers using Redhat Satellite and Bladelogic.
* Provisioned RHEL 6/7 on bare metal servers and also on VM-ware.
* Made systems more secure to prevent outside attack.
* Used LVM for partitioning and extending storage.
* Extensive knowledge on transferring of files over the network (NFS, SCP, and FTP).
* Used cron daemon for scheduling jobs.
* Monitor CPU load, memory, and storage to avoid problems.
* Took care of tickets concerning any Linux problems (extending storage, providing more resources, decommissioning, etc).
* Worked with Ansible tower for writing playbooks for automations.
* Bash scripting used for configuring files, networking management.
* Supported 24/7 high availability production servers.
* Customized Sudo Policies for the different applications and servers.
* Interacted with vendors for hardware and software related support.
* Writing Shell scripting for automating the Kickstart installation.
* Configuration of hardware and software RAID. Disk replacement and File system recovery.
* Configured and troubleshoot services such as DHCP, NFS, DNS, FTP, TFTP, NTP, etc.
* Scheduling Jobs and Automating processes using CRON daemon.
* Supporting applications being run on Linux Environments.
* Experience in installing, configuring, maintaining and troubleshooting AIX.

## ASI Systems Integration, New York City

## Jr. Systems Administrator/ Support [Feb. 2014 - Jan. 2015]

* User management, adding, deleting, setting different permissions, adding users to different groups, etc
* Making sure the right services are working
* Assigning IP addresses to servers and hostname
* Responded to P1 tickets sent to my team members
* Setup RAID level on servers
* Assisted colleagues with daily and weekly projects
* Interacting with vendors for shipping and handling on pending transactions

# Education

## Brooklyn College (CUNY) [Anticipated Graduation, Fall 2021]

Major: Business Management B.B.A