# DevOps ENGINEER

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# *Career Objective*

Talented and Motivated Linux Administrator with 3.5 years of experience in Linux administration and AWS Cloud platform.

Experience in design and implementation of Infrastructure in AWS and Ansible using DevOps Culture.

# *Technical Strength*

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* Linux , Windows
* Apache,Nginx
* Amazon Web Services (AWS)
* Jenkins (CI & CD) & Git
* Ansible
* Docker, Kubernetes
* Maven, Nexus
* Nagios , cloud watch
* TCP/IP, DNS, DHCP, NFS, AD, FTP, LDAP
* ITIL Tools: JIra
* Terraform & cloud formation

***Academic Qualification***

B tech from JNTU (Kakinada) in 2017

# *Work Experience Summary*

**System ADMINISTRATOR**

Unicorn Systems| FROM: Aug 2017 TO Till Now

* Supported on Different platforms like Ubuntu and red hat Linux, Ansible

**Devops ENGINEER**

* As per the client requirement pushing configuration settings through Ansible
* Managing different flavours of Linux Operating systems.
* Route53, Load Balancing (ELB), Auto scaling, VPC, EBS and S3
* Setting up automation by using CI/CD tool Jenkins.

***Experience Summary***

**AWS (Amazon Web Services) Cloud**

* Design, integration and management of Amazon Web Services cloud solutions
* Managing Linux Servers on Amazon
* Worked on Amazon Web Services (EC2, ELB, VPC, S3, IAM)
* Worked on VPC, Subnets and making connection between different network
* Creating buckets on S3 (CLI) and upload images for CDN
* Managing DNS records on Amazon Route 53
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Monitoring resource utilization on Cloud and On-premise environment
* Implemented Cloud watch for monitoring resources
* Implemented Auto Scaling with grouping policies

**DevOps (Ansible, Docker , Kubernetes , Jenkins and Git)**

* Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools
* Pushing Patches and configuration to 1000+ Systems through Ansible core.
* Manage DevOps and Infrastructure Teams supporting tools and infrastructure for 100+ developers on 3-5 concurrent releases
* Managing and designing of integrated build pipelines using continuous integration workflows such as Jenkins and Git
* Designing, implementing and supporting fully automated Continuous Integration and Continuous Delivery processes.
* Worked on infrastructure with Docker containerization.
* Kubernetes is being used to orchestrate the deployment, scaling and management of Docker Containers.
* Experience with **Jenkins, Docker, Devops automation framework like Terraform**
* Played a key role in automating the deployments on AWS using **GitHub, Terraform**,  and **Jenkins**

**LINUX**

* Installed and Setup Web Servers (Apache)
* Well versed in Implementing, Managing and Maintaining a Linux server
* System and User Administration – responsible for the maintenance of DHCP, DNS, and NFS services on Red Hat Enterprise Linux in Development environments
* Configuring NFS, Linux file services and implementing ACL
* Troubleshooting and Configuration of SSH, FTP, NFS and APACHE Server
* Installing software, patching, upgrading and maintenance of operating system
* Configuration of Apache, Implementing Name-based Virtual Hosting and integrating tomcat with apache
* Experience in ticketing tools like BMC Remedy and TSRM for INCIDENT and CHANGE management
* Job Scheduling and Automating process using CRON
* Experience on Shell scripting for automating tasks

***Experience***

**Designation:** Devops Engineer.

**Job Responsibilities:**

* Designing and implementing a continuous development and deployment process

Using Jenkins and GIT, Ansible.

* System and User Administration – responsible for the maintenance of DHCP, DNS, LDAP and NFS services on Red Hat Enterprise Linux in Development environments.
* Building/Maintaining **Docker** container clusters managed by **Kubernetes Linux**, **Bash**, **GIT**, **Docker**. Utilized **Kubernetes** and **Docker** for the runtime environment of the **CI** / **CD** system to build, test deploy.
* Experience in configuring Load Balancing (ELB), Auto scaling, VPC, EBS and S3
* Deploying, managing, and operating scalable, high available, and fault tolerant systems on AWS.
* To achieve Continuous Delivery goal on high scalable environment, used **Docker** coupled with load-balancing tool **Nginx.**
* Used **Jenkins pipelines** to drive all microservices builds out to the **Docker registry** and then deployed to **Kubernetes**, Created **Pods** and managed using **Kubernetes.**
* Configured **Git with Jenkins** and schedule jobs using POLL SCM option.
* Creating **Ansible Playbooks**, to Deploy VM and install the Components as per requirements.
* Automate provisioning and repetitive tasks using **Terraform**and **Python**Script