A hard-working and dedicated professional with 6.5+ years of experience in production operations. Able to work well both independently and as part of a productive team, demonstrating the motivation and multi-tasking abilities required to meet demanding deadlines while maintaining the highest of standards.

**CAREER HIGHLIGHTS**

* A dynamic professional with over 6.5+ years of work experience in Linux/Unix Administration, Cloud Administration, DevOps tools
* Earned a reputation for designing cloud deployment strategies that mitigate risk while meeting infrastructure, customer and budgetary needs.
* Excellent hands on experience on AWS and Azure Cloud Technologies
* Worked with Infrastructure health Monitoring Systems like: Cloudwatch, Nagios, Splunk, App dynamics, NewRelic, Graylog, PagerDuty and Grafana.
* Server Configuration and code management through:
  + Ansible
  + Puppet
  + GIT
* NoSQL databases Configuration
  + Cassandra
  + MongoDB
* Having experience in Cost-optimization tools (Cloudcheckr, CloudHealth) to save the cost in AWS.
* Responsible for creating and updating the projects in Jenkins to make a CI-CD solution for different environments
* Adept at rendering viable solutions & troubleshooting for complex issues related OS, Applications and resolving customers issues.
* Collaborative thinking of big data and cloud technologies for future endeavours.
* Deploy, Support and Maintain Highly Available Linux Environments.
* System Troubleshooting and problem solving across platform and application domains.

**EDUCATION**

* SSC in SBNRM School with 84% - 2002.
* Intermediate in Nalanda Jr College with 67% - 2002 to 2004.
* Bachelor’s Degree in Electronics and Telecommunication from JNTUH with 53% - 2004 to 2008.

|  |  |
| --- | --- |
| **Technical skills** | |
| **Operating Systems** | CentOS, Ubuntu and Amazon Linux |
| **Cloud** | AWS and Azure |
| **Continuous Integration tools** | Jenkins |
| **Version Control Systems** | GIT, Bitbucket, SVN and GitLab |
| **Scripting Languages** | Shell scripting, Basic Python |
| **Data Base** | MongoDB, MySQL, PostgreSQL, Oracle and Cassandra |
| **Configuration Management Tools** | Ansible, Salt and Basic Puppet |
| **Monitoring Tools** | CloudWatch, Nagios, Splunk, AppDynamics, Grafana and New Relic |
| **Orchestration** | Kubernetes |
| **Virtualization** | Docker and KVM |
| **APP & Web Servers** | Tomcat, Apache and Nginx |
| **Service Discovery** | Consul |
| **Cost Optimization Tools** | Cloud Checkr and Cloud Health |
| **Ticketing Tools** | Jira and Service now |
| **Infrastructure as Code** | Terraform and Cloud Formation |

**Professional Experience**

**NTT Security**

April 2020 - Present

DevOps Engineer

**Roles & Responsibilities:**

* Worked extensively on Git, Ansible and Jenkins for carrying CI – CD practices and automating the Application development process in the best way.
* Proficient in developing Continuous Integration/ Delivery pipelines
* Proficient with code quality/security analysis and its application using tools like SonarQube.
* Deploying the application builds in Kubernetes environment using Jenkins
* Configured Ezeelogin tool to audit user activities in Linux environment
* Maintaining log aggregation tool Splunk.
* Monitoring Infra & Application Health status using NewRelic & Grafana, Prometheus
* Pushing the latest packages to Servers using SpaceWalk tool.
* Migrated all the projects from Bitbucket to GitLab
* Configured data streaming applications (Kafka) in Kubernetes environment
* Configured ElasticSearch application in Kubernetes.
* Worked in writing Ansible Playbooks for carrying several tasks and deployment of Applications.

**Quikr India**

Jan 2019 - March 2020

DevOps Engineer

**Roles & Responsibilities:**

* Installed, configured Dev, SIT, UAT and Production servers.
* Design and support of infrastructure. Day to day support of entire IT product lines.
* Design, Integration and management of AWS Cloud solutions.
* Management of build farm environment and workflow management and administration using Jenkins,GIT, JIRA, Confluence, and various target build environments
* Having working experience in Consul for Service discovery and DNS.
* Automated AWS resources using Terraform and Cloud Formation Scripts.
* Written the ansible playbooks for automating application deployments
* Implemented and maintaining the Docker and Kubernetes environments
* Implemented the Continuous Integration server Jenkins (Master-Slave) to automate the build process for Maven projects, NodeJs applications.
* Implemented the CI/CD pipeline.
* Using NewRelic & Nagios to check Infra & Application Health.
* Having working experience in KVM.
* Maintained BitBucket, Github and JIRA servers.
* Worked in CDN tools like Akamai.
* Having experience in log aggregation tools Graylog and Splunk.
* Troubleshooting for complex issues related OS, Applications.
* Upgrading the packages in the servers using spacewalk tool.
* Installed and configured the Log monitoring tools Like Kibana.
* Having experience in Message brokers applications like Kafka and RabbitMQ configuration.
* Actively participate in the documentation of infrastructure processes

**Harman Connected Services**

Feb 2017 – Oct 2018

DevOps Engineer

**Roles & Responsibilities:**

* Implemented the Continuous Integration server (Jenkins) to automate the build process for Maven and Ant projects.
* Writing the ansible playbooks for automating application deployment.
* Automated AWS Infra using Cloud formation.
* Installed and configured the Monitoring tools like Nagios, Grafana etc. and configured the email alerts for application
* Responsible for creating and updating the projects in Jenkins to make a CI-CD solution for different environments like Dev, QA, UAT and Prod environments.
* Experience in Big Data Infra platforms.
* Having experience in ambari setup.
* Having good experience in Mqtt broker application like HiveMQ
* Having good experience in Message brokers applications like Kafka and RabbitMQ configuration.
* Working experience on **Docker** and **Kubernetes** cluster setup.
* Having Experience in Creating Pods, services and Nginx Ingress to routing the traffic.
* Installed and configured the Log monitoring tools Like Kibana.
* Having Experience to setup a Hadoop cluster environment through Ambari.
* Maintaining SVN Servers.
* Worked on Cost Optimization tools (CloudCheckr and Cloud Health) to reduce the Cost.
* Deploy, Support and Maintain Highly Available Linux Environments.
* System Troubleshooting and problem solving across platform and application domains.
* Having knowledge of setting up a single node and multi node Hadoop cluster.

**UST Global**

Sept 2015 – Feb2017

DevOps Engineer

**Roles & Responsibilities:**

* Designing and architecting cloud infrastructure with AWS services like EC2, VPC, RDS, S3, and Route 53 etc.. As per client requirement.
* Made a plan for migration of EC2-Classic instances into the EC2-VPC environment for large infrastructure.
* Maintaining EC2 services like launching instances, attaching volumes, configuring security groups, monitoring EC2 instance metrics like CPU Utilization, disk read/write operation and network performance of the EC2 servers.
* Maintaining S3 services like uploading/downloading files, configuring/editing bucket policies.
* Launching Virtual Private Cloud (VPC), creating subnet in the VPC, launching EC2 instance and RDS database instances, configuring and maintaining the route table, internet gateway within the VPC.
* RDS -Launching a Database instance, configuring the security group and maintaining the snapshot of the RDS database.
* Route53 – configuring domain name, creating record sets, configuring the DNS Failover and configuring Health check of the domain in route53.
* IAM- Creating and managing users, groups and roles and assigning roles to the EC2 instances with identity and management system
* CloudFormation – Creating and managing a collection of AWS resources by using the templates on the CloudFormation service.
* SNS- Creating an SNS topic for receiving alerts from an email, SMS, HTTP and HTTPS protocol for application status.
* CloudWatch – Monitoring and configuring the CloudWatch metrics for the EC2 servers also configured sending custom metrics like Tomcat memory and Tomcat thread count to CloudWatch.
* Installed and configured a Token Vending Machine which generates temporary AWS credentials which enables an AWS application to be accessible by users.
* Supporting and managing client infrastructure with high traffic applications on AWS.
* Suggesting and implementing cost optimization techniques on AWS for multiple clients.
* The tech stack includes Nginx, MySQL, MongoDB and AWS services used include EC2, S3, CloudWatch, Route53, IAM, SNS, CloudFront, etc.
* Installed and configured NFS Server and configured the directory to be shared in NFS Client on EC2 machine.
* Installed and configured the Nagios server and configured the email alerts for application notification on EC2 machine.
* Creating Lambda functions for managing our own code (like creating alarms, scheduled events, creating roles, to pull EBS volume details etc...)
* App dynamics to monitor the application servers.
* Having experience to setup & configure puppet masters.
* Involved in creating and updating puppet modules and pushing them to puppet agents.
* Working experience in Certificate Management tool Venafi.

**Nokia**

June 2014 – Aug 2015

System Engineer

**Roles & Responsibilities:**

* Installed, configured and maintained Dev, SIT, UAT, PPD and production systems in AWS.
* Supported and implemented cloud services and hosting centres.
* Created and managed application code with existing techniques.
* Provided technical assistance for test automation and application deployment.
* Participated in upcoming application releases and operational improvements.
* Formulated and executed new tools for production launches.
* Evaluated performance of production systems and reviewed daily logs.
* Scheduling the Cron jobs using RunDeck