

# JESSICA CLAIRE

100 Montgomery St. 10th Floor  
(555) 432-1000 - resumesample@example.com

## SUMMARY

An AWS DevOps Engineer with around 7 years of experience in Various platforms. Good practical skills with interesting Tools and Technologies. Experience on Server Infrastructure, Migration, Monitoring, Automation and Security.

## SKILLS

AWS, Cloud Migration, Cloud Cost Optimization, Infrastructure Monitoring, Chef, ANSIBLE, Jenkins, GOCD, IBM ISAM, GIT, NEWRELIC, SPLUNK, GRAFANA, DIVVY CLOUD, TERRAFORM, Shell scripts, DOCKER, EKS, PACKER.

## EXPERIENCE

01/2021 to Current **DevOps Engineer**

**Koch Industries, Inc.** – Martinsville, VA

- Automated application build and deployment, driving efficiency of code development process.
- Performing Automatic deployments in Dev, IT, CT, PRE-PROD, PROD environments by daily and weekly basis by using Ansible and Jenkins.
- Creating multiple jenkins jobs for day to day activities and also deploying new jar files with version numbers into the Nexus Artifactory.
- Creating and updating change request also handling change management in daily basis.
- Working with developers and QA team for validating changes and fixing issues.
- Working with IBM ISAM for for validating and deploying the new changes in each individual host.
- Worked on SSL certificate updates and generating expired certificate report and renewing the CERTS using VENAFI.
- Working with Ansible scripts creating new recipes and roles as per the requirement.
- Building new CentOS server and configuring with Ansible playbooks.
- Analyzing the Itrack tickets and updating, and deploying changes into various environment as per the request.

02/2020 to Current **AWS DevOps Engineer**

**Management Decisions, Inc.** – Agoura Hills, CA

- Responsible for building and maintaining infrastructure AMI's.
- Worked on secret manager and SSH authentication POC's like Teleport, hashicorp Vault.
- Automated AMI build process using Ansible roles and playbooks.
- Install and configure Ansible towers to build servers and deploy the configuration.
- Created playbooks for tomcat to deploy static and dynamic content.
- Created playbooks for start/stop/restart operations and to manage data.
- Created playbooks to create users in mysql and LDAP.
- Created Jenkins pipelines for automating AMI build process into various AWS accounts.
- Automated Termination of AMIs and snapshots in periodically.
- Worked on SSH KEYPAIR mechanism for securely maintaining and storing secrets.
- Developed and maintained Hashicorp Vault for ec2 ssh authentication and secret store.
- Involved in development of Grafana and Global Prametose.
- Involved in Airflow containerization from amazon ec2.
- Building and maintaining EMR transient cluster for teams using terraform modules.
- Building and maintaining EKS clusters using terraform modules.
- Worked on upgrading EKS clusters upgrades from one version to another version.
- Worked on updating Jenkins master and slaves from amazon linux 1 to amazon linux2.
- Knowledge and involved Airflow containerization.
- Spend some time on IAM Role setup and user authentication and MFA.

02/2017 to 01/2020 **DevSECOps Engineer**

**Rtx** – Tucson, AZ

- Support Application teams to create and manage their apps and resolve issues by working along with them.
- Automating the infrastructure as much as possible using terraform and shell.
- Build the POC for Java and Node Js applications deployment in ECS and Elastic beanstalk using terraform and Jenkins.
- Deploy and monitor infrastructure tools like AWS, Chef, BMX(Jenkins), GOCD, Sensu, Newrelic, and Rundeck, SignalFX.
- Automate infrastructure as code for building AWS, new relic resources using terraform.
- Working on Venafi certificates and upload to AWS certificate managers, load balancer and Akamai.
- Collaborate in the automation of AWS infrastructure via terraform, troposphere, GOCD and Jenkins - software and services configuration via chef cookbooks.
- Working on migrating from GOCD pipeline to Jenkins.
- Configuring Chef to build up services and applications on the instances once they have been configured using cloud formation.
- Experience in Akamai user management and configurations.
- Experience in verify certificate management and renewal and upload to AWS IAM, AWS certs manager and Akamai flush.
- Extensive experience in Maintaining infrastructure as secure and upgrading versions using chef, also experience in vulnerability Patching , Kernel upgrades.
- Worked on System/Apache OpenSSL minor/major version Upgrades using Cookbooks.
- Worked on multiple Web Application services major/minor version upgrades like Java, Nodejs, Apache.
- Working on shell scripting, Ruby Scripting and Python.
- Provided security and managed user access and quota using AWS Identity and Access Management (IAM), including creating new Policies for user/role management.
- Automated this process using Terraform along with Terragrunt.
- Writing Chef cookbooks, recipes, roles and Data Bags and uploading them on to the chef server for the instances that are configured with the changes pick up the latest code.
- Worked on creating SES mail and testing with local clients for application teams.
- Experience with Docker and Test kitchen for testing the chef cookbooks locally before deploying.
- Worked on inspecting test cases for testing AMI's and chef cookbooks.
- Worked on Splunk for logging application log files of an instance to the Splunk.
- Responsible for quarterly AMI patches, security and releases.
- Proficient with GOCD for continuous integration and continuous deployment and for End-to-End.
- Experience in source control systems like SVN, GITHUB.
- Responsible for upgrading for GitHub, Central Nike GitHub Enterprise.
- Monitored server alerts using Sense and new Relic and setting up alerts for all servers for CPU monitoring, disk usage, memory usage.
- Worked on migrating Artifactory data to central Artifactory and also responsible for applications, to cut over to new one.
- Experience on automating infrastructure using Jenkins and Terraform.
- Involved in review, status meeting and coordinated with team members.
- Communicating with different application team members and coming up with solutions for problems.
- Experience in maintaining in-house system administration.
- Training various application teams with the concepts of DevOps used at our Infrastructure.
- Worked in a team which is responsible for disaster recovery by launching all the application stacks in different regions.
- Worked On making POC's, best practices and pre-build templates for Serverless Application build and deployment.
- Environment: AWS, Cerberus, Nodejs, Artifactory, newrelic, Kubernetes, Terraform, terragrunt, Github, Chef, Docker, Sensu, Lambda, GOCD, CircleCI, SingleFX, Jenkins, Rundeck, Divvycloud.

12/2012 to 01/2015 **Intern/Jr. DevOps Engineer/ Linux Administrator**

**Waltair Information Technologies PVT LTD** – City, STATE

- Involved to design and build multiple RHEL6.x servers to include OS hardening RHEL5.x/6.x mission critical Oracle RAC Cluster, and VSF and make ready for App/DB Team.
- Used Maven release Plugin to support the release of various application snapshots.
- Install-configure-maintain the Linux servers, DNS, DHCP, SMTP, SSHD.
- Uses LVM creating Volume Groups, Logical volumes and disk mirroring in Linux.
- Setting up and troubleshooting user workstations based on RedHat Linux.
- Account, user and group administration, Permissions policy management and quota implementation, User and Group Administration.
- Worked on User management and group management.
- System performance monitoring, tuning and log management, TCP/IP Networking troubleshooting and Linux Network Administration.
- Assign Roles, manage Users and groups and assign policies using AWS Identity and Access Management (IAM).
- Host file entries, mount point creation, user account unlock and other issue resolution.
- Job scheduling for users using Crontab.
- Worked on Jenkins to build and test the applications.
- Worked on Jenkins pipeline issues.
- Monitoring, creation, acknowledgment and categorization of tickets.
- Disk Space and Logical Volume manager (LVM) Management in Linux.
- Installing configuring and troubleshooting mail servers Postfix.
- DHCP Server configuration automating the setting up of IP, Name Server and Gateway.
- Using LVM (Logical Volume Manager) tools extend Linux Security Services: IP tables, SELinux, Firewalld.
- (Accept & Reject different services like FTP, SSH etc.).
- Configure kernel parameter on Linux servers.
- YUM package repository configuration on Linux servers Backup and restoration using archiving tools (tar).
- Configuring and administration of FTP, NFS, SAMBA, APACHE servers.
- Configuring DNS, DHCP and MAIL server.
- Patching: using yum and rpm.
- Troubleshooting the Booting issue.
- Aware of most of the booting issues and know how to fix it.
- Preparing shell scripts for automation of generalized repeated processes.
- Performing all Linux Administration tasks independently.
- Installing physical server and OS (RHEL6, RHEL7) Environment: Rhel, Server configurstions, AWS, Github, Cronjob, LVM.

## EDUCATION AND TRAINING

**Bachelor of Science: Computer Science Engineering, JNTU**

**Jyothishmathi College of Engineering - Hyderabad**

**Master of Science: Computer Science & Information Technology**

**Sacred Heart University - Connecticut**

## CERTIFICATIONS

- Certified Red Hat Certified System Engineer (RHCE).
- Certified Red Hat Certified System Administrator (RHCSA).