

Jessica Claire

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Professional Summary

Am a DevOps and Cloud Platform Engineer with a combined 5 years' experience in IT Services. have applied My skills in Linux, CI/CD pipeline configuration with Jenkins, Ansible and SCM tools for end-to-end Automation & Deployment of Software to different environments. I have applied my skills to maintain a highly secured environment with best practices to provision and manage security, fault-tolerant, scalable, and highly available architectures.

Skills

- **Cloud Orchestration/Automation:** AWS CloudFormation, AWS Lambda, AWS Systems Manager, AWS SSM Parameter Store, Ansible, Docker, Terraform, ECS, Kubernetes
- **AWS Security:** AWS Security Hub, AWS Guard Duty, AWS Shield, AWS Firewall Manager, AWS Inspector.
- **Monitoring & Event Management:** AWS CloudWatch (Events & Logs), AWS SNS, AWS S3
- **Identity & Access Management:** AWS Organization, AWS IAM, AWS Secrets Manager.
- **Governance & Compliance:** AWS Config Rules, AWS Organization, AWS Control Tower, AWS Trusted Advisor, AWS Well Architected Tool, AWS Budgets, AWS License Manager.
- **Programming Languages:** Bash, JSON, YML, Python
- **Application Delivery:** Application Delivery/ DevOps: Jira, Confluence, AWS CodePipeline, AWS CodeCommit, Codebuild, CodeDeploy, Github, Gitlab, Bitbucket, Jenkins, Jenkinsfile, Maven, Sonarqube, Nexus, Tomcat, Docker, Dockerfile, Ansible, Kubernetes, ECS, Terraform
- **Data Protection:** AWS Certificate Manager, AWS KMS, Snapshot Lifecycle Manager,
- **Self Service:** Service Catalog
- **Network:** VPC, VGW, TGW, CGW, IGW, NGW.
- **Image & Patch:** AWS SSM Patch Manager, AWS Golden AMI Pipeline
- **AWS Platform:** AWS CloudFormation, AWS Lambda, AWS Systems Manager, S3, VPC, EC2, ELB, RDS, SNS, SQS, SES, Route53, CloudFront, Service Catalog, AWS Auto Scaling, Trusted Advisor, CloudWatch.

Work History

- 09/2022 to 03/2023 **DevOps Engineer**
Northstar Financial Services Group Llc – Bothell, WA
- Migrating ADO data to GitLab space
 - Create a fresh project on Gitlab CI/CD from scratch
 - Merged request on GitLab space
 - Involve in Designing and implementing automated build, deployment, and testing pipelines using GitLab CI/CD.
 - I Managed the GitLab instance and its associated infrastructure, including backups, upgrades, and performance tuning.
 - Working ADO teams with the development team to ensure that code is version controlled and tested before it is deployed.
 - Makes changes on Gitlab CI GitLab runner
 - Preparing document on every of process for onboarding purpose
Creating user group /user in GitLab paces given permission
- 06/2018 to 09/2022 **AWS Cloud Engineer / AWS DevOps Engineer, Linux Ad**
Nes Associates – Pearl Harbor, HI
- Working with version control systems like Git and Source Code Management tools like GitHub
 - Working closely with development team to create an automated continuous integration (CI) and continuous delivery (CD) system using Jenkins and Maven for build, Nexus as antifactory, Tomcat and
 - SonarQube
 - Configuring a webhook on a Jenkins to trigger auto build when a push event happens on gitlhub
 - Working closely with development team to create an automated continuous integration (CI) and continuous delivery (CD) system using Jenkins and Maven
 - Apply DevOps best practices for branching & merging strategy to maintain the source code in Git version control systems
 - Using Maven as build tool for building of deployable artifacts such as .JAR, .WAR and .EAR artifacts from source code
 - Using Dockerfile to build images and push to the dockerHub
 - Participating in daily activities included, delivering daily/nightly builds for the scrum teams, supporting teams with SCM requests, maintaining code stability using CI methodologies, deployments and troubleshooting other day-to-day issues
 - Using AWS IAM to provision authentication and authorization into AWS account and restrict/assign access to users and other AWS services
 - Creation of golden AMIs to institute controls and enforcement of the controls leveraging AWS
 - Guardrails
 - Build servers using AWS, importing volumes, launching RDS, creating SG, auto-scaling, ELBs in the defined VPC
 - Build and configure a virtual data center in the AWS Cloud to support Enterprise Data Warehouse hosting Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, NACLs, Route Tables,
 - Elastic Load Balancers, VPC endpoints, Peering Connections, Transit Gateways, Route 53
 - Configuring Elastic IP address for AWS instance, to ensure consistency in case of any server failure
 - Ability to design, build, manage and operate cloud infrastructure and configuration environment with a focus on automation and infrastructure as code using cloud-formation and terraform
 - Implementing version control services using git to create repository, store, and track changes in source code during software development
 - Tools like git hub, git lab and bitbucket are handy
 - Using Terraform and AWS CloudFormation to provision and manage cloud infrastructure services
 - Using Github Action and terraform to automate the deployment of various AWS resources
 - Designed highly available infrastructure using Elastic load balancer and auto-scaling for Web servers which Scale in and Scale out automatically, also isolated environment by having security groups and
 - NACL across subnets for EC2 instances
 - Configured CloudWatch alarm rules for operational and performance metrics for our AWS resources and applications
 - Optimized cost through reserved instances, selection and changing of EC2 instance types based on resource need, S3 storage classes and S3 lifecycle policies, leveraging Autoscaling
 - Leveraged EC2 Life Cycle Manager to create snapshots of EBS Volumes on scheduled intervals for backup and define a retention period as a cost saving measure
 - Developed and created custom Service Control Policies and attached them to approved OUs and AWS accounts as required
 - Deployed Guard Duty across our Control Tower managed organization with the Audit account being the delegate administrator
 - Designed secured, cost optimized, highly available and fault tolerant architecture designs and infrastructure in AWS
 - Implemented security best practices in AWS including multi factor authentication, access key-rotation, role-based permissions, enforced strong password policy, configured security groups and NACLs, S3 bucket policies and ACLs
 - Leading on designs/development aspects of migration journey - assess, mobilize and migrate phase including leveraging CART, ADS, Migration Evaluator, DMS, Cloud Endure etc
 - Automatically remediated Trusted Advisor findings using Amazon CloudWatch events
 - Implementing version control services using Git to create repository, store and track changes in source code during software development
 - Experienced with Interpreted Languages like Bash and python
 - Automatically remediated Trusted Advisor findings using Amazon CloudWatch events and AWS Lambda
 - Conducted deep-dive hands-on training sessions to transfer knowledge to customers considering or already using AWS.
 - Worked as technical leader alongside customers and infrastructure team and contributed to business development.
 - Participated in architectural discussions to build confidence and promote customer success when developing new and migrating existing applications, software and services on AWS platform.
 - Resolved trouble tickets to reduce backlog from 200 to 50.
 - Resolved vulnerabilities by making improvements to network security.
- 05/2017 to 06/2018 **Linux Administrator**
Standard Integrated Support – City, STATE
- Recommending resolutions to complex matters and coordinate the implementation of the approved course of action
 - Server and storage management, configuration, troubleshooting, and performance tuning
 - Administering NFS and other applications on Linux Servers
 - Training new users to use standard applications, equipment's and business applications
 - Creating Linux/Unix/Window Virtual Machines using VMware
 - RPM and YUM package installations, patching and other server management
 - Configuring, managing, monitoring and troubleshooting of all RedHat & CentOS LINUX servers
 - Implementing and Maintaining Apache web server with HTTPS
 - Creating and Managing Users / Group accounts and setup a user's work environment
 - Responsible for maintaining user accounts and basic service access permissions on infrastructure servers
 - Installing and configuring VMware ESXi Hypervisor on the Physical Hardware
 - Configuring RedHat Kickstart server for installing multiple production servers
 - Installing and configuring monitoring tools Nagios for monitoring the network bandwidth and the hard drives status
 - Installing and configuring SAMBA utility software for sharing files with Windows hosts
 - Responding to emergency calls relating to server performance, diagnosis of problems, repairing problems or calling upon appropriate vendors to resolve the issue
 - Documenting various regular administrative tasks and backup procedures
 - Providing software and hardware tech support
 - Managing warranties and software licenses for all department computers
 - Working closely with other IT staffs to help determine and develop systems that will be implemented
 - Responsible for troubleshooting network outages

Education

04/2015 **Bachelor's degree: Computer Science**
University of Buea - Cameroon

Certifications

AWS Certified Solutions Architect
Certified ScrumMaster (CSM)
DEVOPS GENERALIST