

JESSICA CLAIRE

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SKILLS

- AWS, EC2, Fargate, ELB, SES, SNS, VPC, Route 53, Confluence, New relic, sumo logic, ops genie, octopus, Jira, Git, Python, Git, Prometheus, docker, kubernetes etc
- Source and Version Control: Git, GitHub

EDUCATION AND TRAINING

East Tennessee State University
05/2018
Master of Science: Engineering Technology

Madonna University
08/2012

Bachelor of Science: Business Management

Certification/Training; Python, Red Hat Enterprise training, CompTIA Linux+, AWS Cloud Practitioner, AWS Certified Solutions Architect, Microsoft Certified: Azure Fundamentals

SUMMARY

Experienced DevOps and Cloud Engineer with a focus on Red Hat Linux and AWS Cloud technologies. Skilled in implementing and managing cloud-based infrastructure, automating deployment and monitoring processes, and ensuring high availability and scalability of applications.

EXPERIENCE

- Northstar Financial Services Group LLC - Devops Engineer**
Philadelphia, PA • 07/2021 - Current
- Monitored automated build and continuous software integration process to drive build/release failure resolution.
 - Provisioned AWS services using terraform for IAC.
 - Managed databases using SQL and NoSQL technologies, ensuring data integrity and security.
 - Utilized scripting languages such as bash, python, and Go to automate system processes and improve efficiency.
 - Worked with version control systems like Git and Source Code Management tools like GitHub.
 - Built continuous integration pipelines using Gitlab CI and Jenkins while integrating with other tools for end-to-end automation of builds and deployment.
 - Proficient in using sql to query Amazon Athena and sumo logic etc
 - Worked with monitoring tools such as Prometheus, New Relic, and Google Stackdriver to track system performance and identify potential issues.
 - Managed Kubernetes clusters and container orchestration to optimize application deployment and scalability.
 - Configured and managed highly available and scalable Docker cluster to manage containerized applications and exposing to end users using various services DNS, ELB, and Auto Scaling.
 - Used Terraform and AWS CLI to automate provisioning and configuration of infrastructure on AWS such as VPC, Subnets, EC2 Instances, S3, etc.
 - Familiarity with data visualization tools and techniques to communicate insight from sql queries.
- Experience writing sql queries to extract data and perform data analysis.

- Cognizant Technology Solutions - Linux Engineer**
Creve Coeur, MO • 06/2019 - 05/2021
- Maintains and supports Data center operations including server hardware, systems software and all configurations modification required on Microsoft and linux server
 - Working knowledge of hardware products such as Dell, HP, cisco, IBM and other data center hardware platform
 - Perform virtual machine deployments and extensively use utilities and high availability tools
 - Monitoring system performance of virtual memory, snapshot, managing swap space, disk utilization and cpu utilization
 - Disk configuration and managing file systems in rhel 5/6/7 environment using lvm
 - Add and maintain users on the network, assigning application access, ensuring security and maintaining their configuration are within standards
 - Performed all system upgrades and patches for solaris, rhel 5/6/7 server and data migration between domains
 - Performed real time incident troubleshooting for complex hardware, software and network problems as required by the IT supervisor and leadership.

- Dish Network Corporation - Cloud Engineer**
Antioch, TN • 09/2015 - 05/2019
- Implemented AWS solution using EC2, S3, RDS, EBS, ELB, Auto Scaling Group
 - Create and manage users, groups, roles, and policies through IAM
 - Create and manage S3 buckets and policies
 - Infrastructure architecting, configuration, and deployment with EC2
 - Troubleshooting operational and security incidents using CloudTrail
 - Implement cost saving measures such as elastic load balancer consolidation, automatic public IP updates using Route 53, managing instance runtime with AWS Instance Scheduler using CloudFormation
 - Deployment and management of SSL Certificates using ACM (Amazon Certificate Manager) and IAM
 - Enacting a road map to eventually not have to use IAM keys on servers but instead using profiles (roles) attached to EC2 instances, making things easier to maintain and more secure
 - Automated infrastructure provisioning on AWS using CloudFormation for quick customization and deployment of resources on AWS cloud platform
 - Configure VPC, load balancer, DNS, end point access
 - Using Gitlab to create repository and create pipeline from a lower stage to development phase
 - Built and deployed Docker containers into micro services by using Kubernetes
 - Setting up load balancers with terraform for application deployment
 - Spun up EC2 machines with terraform/CloudFormation using customized templates
 - Created Web Apps (PaaS solutions) on AWS EC2 for deploying web applications.

- A10 Networks - System Engineer**
Montgomery, AL • 02/2013 - 12/2014
- Perform virtual machine deployments and extensively use utilities and high availability tools
 - Checking alert logs, trace file system and file system maintenance
 - Users account management
 - Management of configuration files and users account, privileges and rights; also, troubleshooting of issues arising in the infrastructure setup
 - Created bash scripting for crontab to check servers, Logins, system updates and WordPress
 - Installed, configure and support Apache, LAMP, My Sql and network on Linux Servers.