JESSICA CLAIRE

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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.

Skills

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

Experience

Devops Engineer, 07/2021 to Current
Northstar Financial Services Group Llc – King Of Prussia, PA
- 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.
- Supported applications on different platform AWS environment.
- 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.
- Troubleshot issues during builds and deployments of Kubernetes pods.

Linux Engineer, 06/2019 to 05/2021
Verizon – Riverside, MO
- 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.

Cloud Engineer, 09/2015 to 05/2019
Dish Network Corporation – Rocklin, CA
- 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

System Engineer, 02/2013 to 12/2014
A10 Networks – Denver, CO
- 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.

Education and Training

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

Bachelor of Science: Business Management, 08/2012
Madonna University

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