JESSICA CLAIRE

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SKILLS

- **Containers/ Orchestration :** Docker, Microservices, Terraform, Kubernetes
- **Aws Services:** EC2, EKS, S3, VPC, Cloud Watch , IAM, Lambda, API Gateway, Cloud Front.
- **DevOps Tools:** Ansible, Terraform, Git hub, Git, Jenkins, Docker, Prometheus
- **Monitoring:** Prometheus, Grafana, Cloud Watch
- **Scripting:** Bash

EDUCATION

Satung High
Lusaka • 2009
High School Diploma

PROFESSIONAL SUMMARY

Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

WORK HISTORY

Management Decisions, Inc. - DevOps Engineer
Gaithersburg, MDCarolina, NC • 12/2022 - Current

- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Wrote and updated documentation to outline technical design of entire project.
- Researched and identified new technologies and tools helping to grow agile development environment.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Spin up infrastructure through code using Terraform, for easy maintenance and replication which eliminated manual work.
- Configure 40 servers with use of Ansible by writing some playbooks to assist with task.
- Create Aws serverless applications Lambda Api Gateway S3 CloudFront Dynamo Db CloudWatch with terraform.
- Developing Docker images to support Development of application.
- Build monitor and Maintain CI/CD pipelines to fast deployment.
- With use of Grafana and Prometheus monitor application performance ,to eliminate longer downtime.
- Wrote code and supported architecture in high-throughput systems on Aws, EC2 EKS, ECS , S3 VPC cloud.
- Collaborated with team to determine application requirement specifications
- Documented project design for reference and future use cases
- Wrote code and developed tools and integrations to meet cross-platform user needs
- Utilized Cloud Watch to monitor resources such as EC2 RDS DynamoDB set alarms for notification , monitor logs for better understanding and operation of system.

Maxar Technologies Ltd - DevOps Engineer
Chantilly, VABear, DE • 03/2020 - 12/2022

- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Researched and identified new technologies and tools helping to grow agile development environment.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Collaborated closely with product development teams and other stakeholders, using effective communication and active listening skills.
- Automated build and deployment process with Jenkins for CI/CD
  - Worked on Lambda function to aggregate data from triggered functions.
  - AWS services,Lambda,Vpc, s3, , Cloudformation, Cdn, Ec2, Ecs , Eks
  - Involve in DevOps migration/automation processes for build and deploy systems
  - Responsible for monitoring Kubernetes cluster
- Developing Git hooks for local repository, code commit, and remote repository, code push functionality and worked on GitHub.

  Designing application layer of product with ec2, Rds., and elastic cache, and configuring AWS cloud watch for application monitoring.
- Wrote and updated documentation to outline technical design of entire project.
  Actively manage, and monitor cloud infrastructure on AWS, EC2 S3 and RDS
  Deployed docker containers to break up monolithic app into microservices, improving developer workflow ,increase scalability and optimize speed.
- Developed code and supported architecture in high-throughput systems
- Implemented CI/CD process using Jenkins for global development teams , allowing for dozens of code updates with zero downtime.
- Re-wrote, Modified kubernetes manifest to deploy kubernetes cluster.
- Set-up Prometheus and grafana for application monitoring.

Kratos Defense And Security - Linux System Administrator
Fair Lawn, NJBear, DE • 03/2019 - 03/2020

- Installed system-wide hardware components, confirming interoperation and compatibility with Linux-based software distros.
- Provided input on hardware and software purchasing, prioritizing return on investment to optimize IT spending.
- Developed organization-wide administration policies to encourage continuity across multiple systems and facilities.
- Resolved trouble tickets to reduce backlog from 25 to 12.
- Tuned system performance to optimize efficacy of new and existing hardware components.
- Responsible for system admin tasks such as user/group management .assigning permissions, managing disk space usage ,software and hardware upgrades ,troubleshooting issues, process monitoring, install upgrade and manage packages via apt and yum package management
  Configured and maintained Load-Balancer and Firewall on servers across different platforms.
- Communicated status updates to affected parties when issues arose.
  Streamlined troubleshooting processes to improve system support and enhance.
  Performed building and installed multiple Linux machines.
  optimize system performance by tracking daily system utilization to determine if problems are imminent.
  Monitored, configured servers for any downtime.
  wrote bash scripts to perform bi-weekly server patches on-prem and cloud.

  Monitoring log in Linux servers, including processes, crash and swap management, with password recovery and performance tuning

  - Resolve technical incidents through use of experience, available documentation, and tools
  - Create documentation for resolutions of technical incident.
- Managing system processes and scheduling processes with cron utility
- Experience with Virtualization technologies like Installing, Configuring and administering virtual box managed VMs (virtual server) and also involved in maintenance of virtual server
- Install,configure, maintain and administer linux operating systems and components.
- Administer local and remote servers on daily basis providing weekly status report to management