NDIFON VALENTINE JUNIOR

DevOps Engr|| Platform Engr|| Cloud Engineer

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Profile

I am a skilled DevOps Engineer with over six years solid hands-on experience in automating the deployment of mission critical applications over varying infrastructure as well as managing Iaas, Paas, Saas and On-Prem. I am highly proficient with Source Code Management, Configuration Management using Ansible, Orchestration Management, Infrastructure Management and CI/CD. Detail-oriented, I possess excellent communication, problem-solving, and decision-making skills. I am an avid learner who is always discovering and eager to explore new technologies and tools.

PROFESSIONAL SUMMARY

- Experience in getting infrastructure/applications ready for an upcoming scale period.
- Experience with both SQL databases (Oracle and PostgreSQL) and NoSQL databases like MongoDB.
- Working in an Agile environment – SCRUM and KANBAN.
- Strong knowledge in building highly secure infrastructure for stable, scalable, highly available deployments.
- Successful in communicating with people at all levels and with other departments as needed to best serve clients.
- Good Experience in Continuous integration and delivery

/deployment using Jenkins CI/CD and Jenkins shared libraries.

- Solid knowledge and experience on deployment processes using Ansible, Kubernetes and Docker Swarm.
- Experience in deploying artifacts in a Tomcat Server.
- Use of Atlassian tools like Jira and Confluence.
- Wide experience with Git/Github which includes providing permissions access to developers, integration with other tools using Github Webhooks, Jenkins Global tool configuration, etc.
- Proficiency in automating repetitive and other mundane tasks using declarative options like shell scripting, YAML, groovy, HCL and Python.
- Knowledge of other configuration languages like HTML and XML.
- Experience setting quality gate and quality profile thresholds for static analysis tools like SonarQube.

TOOLS	SKILLS
- Software Build & Release - Container Creation & Orchestration - CICD Pipeline Creation & Maintenance - Source Code Management - System Configuration and Management - Technical Project Management - Technical Knowledge Transfer - Infrastructure Provisioning & Management	Git & GitHub Maven SonarQube Nexus Tomcat Jenkins Docker Kubernetes Terraform Ansible Helm New Relic Docker Swarm Linux ELK, EBS, EKS, VPC, IAM, AWS CloudFormation Prometheus & Grafana Jira Confluence SQL-RDS NoSQL Databases

PROFESSIONAL EXPERIENCE

DevOps Engineer – Remote Aug 2021– Present

Dominion Systems, Toronto, ON.

Responsibilities

- Building complex automated CI/CD pipelines using multiple interconnected tools.
- Participating in the migration of applications from monolithic architecture to microservices architecture.
- Continuous monitoring of applications using NewRelic, Prometheus, Grafana and EFK/ELK.
- Installation and configuration of web application servers (Tomcat, Nginx, apache)
- Ensuring and maintaining bullet-proof security configurations in Linux, Docker, Kubernetes, Jenkins, etc.
- Using Docker for containerization with Docker Swarm and Kubernetes for container orchestration.
- Maintaining highly secure and available Kubernetes clusters.
- Automating infrastructure provisioning and configuration using Terraform and Ansible.
- Provisioning and configuring infrastructure using Terraform, which is integrated with AWS SDK, AWS CLI/UI, kops, ansible, VPC, Route53, Private and public subnets, route tables, IGW, EC2 instances, IAM, ELB, Autoscaling groups, CloudWatch, EFS, NFS, S3, Databases, Lambda security groups, NACLs, among others.
- Implementing the use of new technology, attending trainings, job-related seminars, and conferences.

AWS Cloud Engineer June 2021– July 2022

Dominion Systems, Toronto, ON.

Responsibilities

- Participated in multiple DevOps operations that implemented the use of AWS DevOps offerings like CloudFormation, CodeCommit, CodeBuild, CodePipeline, CloudWatch, API Gateway, etc.

- Configured, installed, re-sized and deployed elastic computers in AWS cloud.
- Configured RDS and non-relational databases (Oracle, PostgreSQL, DynamoDB, Redshift, Aurora, etc.)
- Configured hybrid cloud networks and transit gateways.
- Maintained and improved the company's cloud infrastructure
- Monitored, identified, and reported infrastructure and application performance and scaling issues
- Managed cloud infrastructure while maintaining operational stability and security, including planned hardware and VM maintenance, patching, software upgrades, etc.
- Executed production change requests related to networking, database, identity and access management, and other infrastructure configurations.

CAREER DEVELOPMENT

- Udemy- Online
  - AWS DEVOPS PROFESSIONAL
  - Terraform
  - AWS-EKE-Kubernetes Masterclass (EBS, RDS, CLB, NLB, ALB, Fargate, ECR, CloudWatch, Route53, Certificate Manager, X-Ray, Ingress, Auto-scaling, SNS)
  - Kubernetes Administrator

EDUCATION

B.Tech

CERTIFICATIONS

AWS Solutions Architect Associate

DevOps Engineer

REFERENCES

References are available upon request.