

Kelechi Nwosu

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DevOps Engineer

Technically sophisticated, self-directed IT professional with over 4 years of experience as a Cloud and DevOps engineer with a background in software development. Extensive experience supporting, automating, and optimizing application deployments in AWS by building an automated CI/CD pipeline without forgoing security and performance. Led and contributed to multiple projects through the SDLC. Able to learn new, complex technologies or skills and implement them to solve technical challenges.

Technical Skills

Languages: *JavaScript, Python, Bash Shell Scripting*

CI/CD Tools: *Nexus, Jenkins*

Build/Test Tools: *Maven, SonarQube*

Cloud Services: *AWS, GCP, Azure*

Container Tools: *Docker, Kubernetes*

Monitoring Tools: *Prometheus, Grafana, NewRelic*

Infrastructure Tools: *Terraform, Ansible*

Application/Web Servers: *Apache, Nginx, Tomcat, JBoss/Wildfly*

Frameworks/Databases: *ReactJS, NodeJS, ExpressJS, MongoDB, Bootstrap, MaterialUI*

Version Control Tools: *Git*

Experience

Dominion Systems

Nov 2019 – Present

DevOps Engineer

- Responsible for building, managing, and optimizing Kubernetes deployments, volumes, and replicas in the entire software development lifecycle.
- Experienced with container-based deployments using Docker, working with Docker images, DockerHub, and Docker registries, and configuring EKS clusters using Terraform.
- Coordinated developers by establishing and applying appropriate branching, labelling/naming conventions using GIT source control.
- Automated CI & CD pipeline using Ansible, Nexus, SonarQube, Maven, Jenkins, Terraform & GIT.
- Structured Terraform manifest yaml files to set up EKS clusters, EC2 instances, IAM roles, VPCs, S3 buckets, and other resources on AWS for our infrastructure.
- Used Terraform and Ansible scripts to provision and configure EKS, VPC, Route53, EC2 instances, etc. in AWS cloud and GCP.

Dominion Systems

Sept 2018 – Nov 2019

Jr. DevOps Engineer

- Analyse cloud infrastructures and recommend improvements for performance gains and cost-efficiency.
- Interacted with different development teams to provide support in deployment activities
- Performed application installations, upgrades/patches, troubleshooting, maintenance, and monitoring of Linux servers.
- Collaborated with a number of project managers from various vendors to comprehend the release plans and offer support as needed

Education

University of Toronto

Bachelor of Science (Honours)