

# 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, Shell Scripting*

**CI/CD Tools:** *Maven, SonarQube, Nexus, Jenkins*

**Cloud Services:** *AWS*

**Container Tools:** *Docker, Kubernetes*

**Monitoring Tools:** *Prometheus, Grafana*

**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) in Fundamental Genetics, Cell, and Molecular Biology.