

# Kelechi Nwosu

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## DevOps Engineer

IT specialist with over 4 years of experience as a Cloud and DevOps engineer with a background in software development. Technically accomplished and self-driven. extensive experience in designing an automated CI/CD pipeline to enable, automate, and optimise application deployments in AWS without compromising security or performance. has participated in and led numerous initiatives throughout the SDLC. able to pick up new, difficult skills or technologies and use them to overcome technological difficulties.

## 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

*insightsoftware*

**Jan 2023 - Present**

### **Senior CloudOps Engineer**

- Developed and implemented a Jenkins job that automates the building of Helm charts and their upload to Artifactory, streamlining the release process.
- Utilized Helm and Kubernetes to manage deployments of services across multiple regions and environments, ensuring consistency and reliability of deployments.
- Worked closely with development and operations teams to identify and resolve issues related to the deployment and operation of services in production.
- Participated in on-call rotation to provide support and troubleshoot issues in production environments outside of regular business hours.

*ERP Team Consulting Inc.*

**July 2018 – Jan 2023**

### **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, Docker Hub, 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.

## Education

**University of Toronto**

Bachelor of Science (Honours)