

# 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

*ERP Team Consulting Inc.*

**Nov 2019 – 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, 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.

*ERP Team Consulting Inc*

**July 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)