Kelechi Nwosu

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DevOps Engineer

Experience

Blue Sentry Cloud   **Feb 2024 - Present**
DevOps Engineer
- Developed and implemented CI/CD pipelines for critical banking applications with Terraform, AWS, and Jenkins, accelerating deployment cycles from several hours to under 15 minutes, resulting in a 70% faster time-to-production.
- Led the migration of key applications to Azure using Terraform and GitHub Workflows, achieving a 40% improvement in scalability and reducing on-premises infrastructure costs by 30%.
- Automated rollback and monitoring processes, reducing downtime by 25% and enhancing application stability in a high-transaction-volume environment.

insightsoftware   **Jan 2023 - Dec 2023**
Senior CloudOps Engineer
- Contributed to the optimization of Tidemark, a SaaS product, ensuring security, performance, and server management.
- Developed and implemented numerous Jenkins pipelines that automated the building of our applications, streamlining the release process and decreasing build times by 65%
- Integrated CI/CD pipelines with Amazon EKS using tools like Jenkins and GitLab CI, automating the build and deployment of Docker containers to Kubernetes clusters.

ERP Team Consulting Inc.   **July 2018 – Jan 2023**
DevOps Engineer
- Spearheaded Kubernetes deployments across the company, improving deployment efficiency by 40% and reducing downtime by 30%.
- Automated CI & CD pipeline, decreasing deployment cycles by 50% and improving code quality by integrating tools like Ansible, Nexus, SonarQube, Maven, Jenkins, and Terraform.

Technical Skills

Programming Languages: *JavaScript, Python, Bash*
Cloud Computing: *AWS, GCP, Azure*
Containerization & Orchestration: *Docker, Kubernetes*
Continuous Integration & Continuous Deployment (CI/CD): *Jenkins, GitLab CI, Github Workflows*
Monitoring & Logging: *Prometheus, Grafana, NewRelic, Datadog, AWS CloudWatch*
Configuration Management: *Terraform, Ansible*

Certifications

AZ-104 Azure Administrator Associate
AZ-305 Azure Solutions Architect Expert
SnowPro Core
Terraform Associate

Education

University of Toronto
Bachelor or Science (Honours)