Praise Olugbemi
Devops Engineer

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SKILLS

- Python, Javascript, Bash, Solidity, Git, GitHub, GitLab, Jenkins, Terraform, Linux OS, AWS, Ansible, Docker, Kubernetes, Nginx, Vargrant, Postman, MySQL, Postgres, Vs Code, Bash

PROFESSIONAL EXPERIENCE

DevOps Engineer Volunteer   Nov 2022 – present
The Community Revolution ✐   Remote, England

- Proficiently utilized the GitLab CI tools to automate and optimize the software development and deployment process of a Python app to facilitate faster and more reliable deployments, reducing the time and effort required to bring new features and updates into production by 90%.
- Implemented containerization using Docker to enhance the resource management and scalability of the app which allowed for streamlined deployments and management across multiple environments, reduced costs by 50%, and increased user satisfaction by up to 80%.
- Migration of containerized applications from AWS to a private dedicated server to cut monthly costs by up to 35%, while ensuring high availability and fault tolerance.

PROJECTS

72kb.xyz (Portfolio Website)   May 2023 – Jun 2023
A portfolio app built with Next Js and deployed on ECS AWS

- Implemented containerization of the application with Docker and AWS Elastic Container Registry (ECR), ensuring portability, efficiency, and scalability.
- Designed and provisioned a secure private network architecture on AWS ECS using Terraform.
- Implemented one-click deployment and updates through GitHub Actions, enabling seamless continuous integration and continuous development.
- Configured an internet gateway and load balancing using Terraform, facilitating internet connectivity for the application.

Fleetman Delivery Service ✐   Mar 2023
A microservice app deployed using kubernetes

- Successfully administered the deployment of a live Kubernetes cluster in the cloud using AWS Elastic Kubernetes Service (EKS), resulting in improved flexibility and achieving 99% availability.
- Implemented deployment workloads for pods in the live cluster, reducing possibilities of downtime by 90%.
- Configured an external persistent volume using AWS Elastic Block Store (EBS) for pods in the live cluster, ensuring efficient storage and propagation of data.
- Leveraged the ELK Stack (ElasticSearch, Logstash, and Kibana) to analyze system-wide logs.
- Deployed Prometheus and Grafana to monitor the live Kubernetes cluster.

Microservice Chat App
A chat app built and deployed with latest technologies as Python, Docker, Kubernetes, Terraform, etc

- Implemented CI/CD platforms, including AWS DevOps, resulting in a streamlined and efficient software development process, reducing deployment time by 30%.
- Demonstrated expertise in cloud platforms, particularly AWS, by designing and deploying scalable infrastructure solutions, leading to a 20% increase in system performance and reliability.
- Integrated monitoring and event management tools, enhancing system visibility and providing proactive incident response, reducing critical incidents by 30% and minimizing downtime.

- Proficiently utilized Ansible and Terraform to automate infrastructure provisioning, reducing deployment time by 40% and ensuring consistent environment configurations.
- Successfully supported and troubleshooted relational databases and distributed platforms, resolving complex issues and ensuring uninterrupted access to critical data, resulting in a 95% system uptime.

Service Catalog with Terraform

Exploring options of deploying products and portfolios on AWS Service Catalogs using the Terraform Reference Engine

EDUCATION

Computer Science   Aug 2018 – Feb 2023
Federal University Of Agriculture Abeokuta (2023) 🔗   Abeokuta, Nigeria

INTERESTS

Interests (Music, Games, Animations, Fantasy, and History.)