
Temitayo Bakare

Site Reliability Engineer

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OBJECTIVE

I am a highly skilled devops/site reliability engineer with over six years experience building and managing large-scale, high -availability, and fault-tolerant systems. My expertise includes designing and deploying infrastructure, developing automation tools, implementing monitoring and alerting systems , and optimizing performance and cost of cloud-based applications. I possess excellent problem-solving, analytical, and communications skills, with a proven ability to collaborate with cross-functional teams and deliver results in a fast-paced and dynamic environment.

SKILLS

- Programming Languages and Framework: [Python, Go, Javascript, Bash, Django]
- Infrastructure as Code (IaC): [Terraform]
- Containerisation and Orchestration: [Docker,Kubernetes,]
- Monitoring Tools: [Prometheus, Grafana, Consul, ELK stack]
- CI/CD Tools: [Jenkins,Azuredevops,Github actions, Gitlab runner]
- Cloud Platforms: [AWS, Azure, GCP]
- Automation: [Ansible, Saltstack]
- Version Control: [Git]
- Security: [Security best practices, vulnerability assessments]

EXPERIENCE

Freelancing, Portugal - *Site Reliability Engineer/Devops*

October 2023 - present

- Built infrastructure from scratch engaging in the state of art technologies.
- Implemented workflows that minimizes downtime on infrastructure improving system reliability. Architected and managed a microservices-based infrastructure, leveraging Terraform for automated provisioning and scaling.
- Collaborated with development teams to establish best practices for Docker containerization, enhancing deployment consistency and efficiency.
- Carried out load testing on infrastructure to determine the fault tolerance and improve performance.
- Created a gitops process for automating deployment to kubernetes cluster leveraging argocd.
- Worked on the train ticketing system for nationwide booking available to millions of users.

Farfetch, Portugal - *Site Reliability Engineer*

April 2022 - October 2023

- Worked with a cross-functional team in scaling an e-commerce platform, optimizing infrastructure to handle 3x user traffic during peak seasons.
- Implemented Site Reliability Engineering (SRE) principles, reducing incidents by 40% and improving system reliability. Architected and managed a microservices-based infrastructure, leveraging Terraform for automated provisioning and scaling.
- Collaborated with development teams to establish best practices for Docker containerization, enhancing deployment consistency and efficiency.
- Conducted regular system performance analysis, identifying bottlenecks and optimizing resource allocation to achieve cost savings.
- Created a gitops process for automating deployment to kubernetes cluster leveraging argocd.
- Worked on e-commerce projects that serves users across different countries

Commsworth, Nigeria - *Team Lead/Site Reliability Engineer/Devops*

September 2019 - March 2022

- Designed and implemented some of the infrastructure architecture for different product workloads.
- Monitored performance of system at scale, with high availability and redundancy with grafana, loki and prometheus.
- Designed and implemented CICD workflows in Jenkins for deployment.
- Improving existing infrastructure by applying automation tools like terraform,ansible and python to CICD pipelines.
- Integrated SAST to pipelines for security testing.
- Load testing the infrastructure for fault tolerance and capacity level
- Lead a team of developers and trained them in skills they had knowledge gaps.
- Built a simple machine learning model as a microservice with django for analysing users credit worthiness.
- Handled and managed different projects with other team members.
- Worked on a project management tool and a mortgage loan application
- Used technologies such as terraform, kubernetes, docker, python, grafana, prometheus, loki, django, linux, ansible, azure, jenkins just to mention a bigger part of it.

Wstreams, Nigeria- *Site Reliability Engineer*

June 2018 - August 2019

- Designed and implemented infrastructure architecture for different product workloads on AWS cloud.
- Monitored performance of system at scale, with high availability and redundancy with AWS cloudwatch.
- Took part in designing and implementing CICD workflow for deployment and security integrations for testing.
- Proposed technical feasibility solutions for deploying new products.
- Improving existing infrastructure such as kubernetes and vms by applying automation tools like terraform and python to CICD pipelines
- Built an airtime scheduling engine with django and python for a trivial game.
- Communicated with other stakeholders to create a detailed process for delivering business values.
- Worked on a trivial game and a live streaming application

Fiverr, Nigeria- Devops Engineer

September 2016 - September 2018

- Provisioned all infrastructure for required workloads on AWS cloud.
- Maintained a system of over tens of thousands of users.
- Designed and implemented CICD workflow for deployment.
- Proposed technical feasibility solutions for deploying new products.
- Revamped existing infrastructure for better performance
- Worked on a business management tool which creates a business template for business owners

EDUCATION

Tasued, Nigeria - BSC.EDU

Sept 2009 - March 2014

Studied petroleum and petrochemical science.