ABATAN TAIWO DAMILARE

DEVOPS ENGINEER

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Summary

An accomplished DevOps Engineer with over 5 years of experience and a background in medical physiotherapy. Skilled in introducing cloud infrastructure, automating deployments, and enhancing system performance. Proven expertise in supporting mission-critical deployments, CI/CD, and DevOps processes to ensure seamless operations.

Skills

CI/CD Tool: Jenkins, GitHub Action, GitLab CI/CD, Azure DevOps, ArgoCD
Build Tool: Maven, Webpack
Source Code Management(SCM) Tool: Git, Gitlab, Azure Rep, GitLab
Language: Bash, Python
Container Orchhestration Tool: Kubernetes, Docker swarm, Azure Kubernetes Services
IAC Tools: Terraform, Cloud Formation
Security Tools: Sonarqube,OWASP Dependency Check , TRIVY
Containerization Tool: Docker
Database: Mysql, Postgress, MongoDB
Artifact Management Tool: Nexus3, Azure Artifacts, Github Artifacts
Configuration Management Tool: Ansible, Chef, Puppet
Monitoring and Logging Tools: Nagios, Grafana, Prometheus, ELK stack, Jira, Splunk

Work Experience

Devops Engineer, Cyclobold Tech **March 2021 - Present**

- Developed and maintained CI/CD pipelines for multiple clients using Jenkins, GitLab CI, and GitHub Actions, resulting in an average deployment time reduction of 40%.
- Implemented containerization solutions using Docker and Kubernetes, which increased application deployment efficiency by 35%.
- Automated cloud infrastructure provisioning using Terraform and AWS CloudFormation, reducing manual setup time by 50%.
- Monitored and optimized system performance using Prometheus and Grafana, achieving a 20% improvement in system reliability.
- Collaborated with clients to understand requirements and deliver customized DevOps solutions, leading to a 95% client satisfaction rate.

Devops Egineer, Cits Technology **Jan 2020 - 2021**

- Architected and optimized CI/CD pipelines, leading to a 30% improvement in deployment speed and ensuring scalable and reliable automated workflows.
- Partnered with cross-functional development teams to design and implement robust deployment strategies, achieving a 20% reduction in deployment failures through proactive issue resolution and continuous feedback loops.
- Conducted advanced monitoring and performance tuning of systems and infrastructure, resulting in a 15% increase in system uptime by identifying and mitigating potential bottlenecks and failure points.
- Implemented comprehensive automation frameworks for routine and complex tasks using advanced scripting and configuration management tools, saving the team an average of 10 hours per week and enhancing overall operational efficiency.

Education

Bachelor of Medical Science in Physiotherapy
University of Lagos, Nigeria

Awards

Employee of the Year - DevOps Category

- Honored as the top performer in the DevOps team for exceptional contributions to automation and process improvement.

Projects

Bit-blog web: Github
Description:
A BitBlog ("weblog") is a online journal that can be run by a single person and provides regular updates (blog posts) on various topics.and presents posts in reverse chronological order and written with PHP 8.1
Tools: GitHub Actions , Git, Docker, Kubernetes(EKS), Helm, Route 53, Ingress, Sonarqube, Prometheus, Grafana
Responsibilities:

- Designed and implemented an Automated Deployment Pipeline leveraging Github actions, Docker, and Kubernetes to automate application deployments, reducing deployment time by 50%.
- Integrated Ingress Controller (e.g., Nginx) to manage external access and streamline routing rules for Kubernetes-based applications.
- Implemented Cert-Manager to automate TLS certificate management, ensuring secure communications via HTTPS across the infrastructure.
- Introduced SonarQube for automated code analysis, significantly enhancing code quality and reducing bugs by 30% through early detection of issues.
- Integrated Prometheus and Grafana for monitoring and visualization of key performance metrics, enabling proactive identification and resolution of operational issues.
- Utilized Slack for real-time collaboration, setting up notifications and channels to facilitate continuous communication among development and operations teams.
- Incorporated OWASP principles into DevSecOps practices to enhance application security and mitigate vulnerabilities.

Petclinic: Github
Description:
A DevOps approach for a Spring Boot app involves continuous integration, containerization with Docker, orchestration using Kubernetes, comprehensive monitoring, and a feedback loop to drive iterative improvements.
Tools: Jenkins , Git, Docker, OWASP, Maven, Tomcat, Sonarqube, Trivy
Responsibilities:

- Developed and implemented an automated CI/CD pipeline using Jenkins and Maven, reducing deployment time by 50%.
- Enhanced the reliability and consistency of Spring Boot application deployments on Tomcat.
- Integrated SonarQube for continuous code quality analysis, leading to a 30% reduction in bugs through early detection.
- Implemented Trivy for container image vulnerability scanning, proactively identifying and mitigating security risks in Docker images.
- Utilized Slack to set up notifications and channels, facilitating seamless communication between development and operations teams.
- Adopted OWASP principles within DevSecOps practices, bolstering the security posture of Spring Boot applications.
- Configured reverse proxy for port forwarding, optimizing the accessibility and performance of applications.

Automated TLS certificate management with Cert-Manager and Let's Encrypt for secure HTTPS communications.

Volunteer Tech Support

Organization: Cyclobold Tech
Responsibilities:

- Provided technical support for a non-profit organization, ensuring the smooth operation of their IT infrastructure.
- Set up and managed Docker containers for various applications, reducing server costs by 30%.
- Implemented automated backup solutions using Ansible, ensuring data integrity and security.
- Conducted training sessions for staff on basic IT and DevOps practices, improving their technical literacy.