Azeez Razaq

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ABOUT ME

I'm a DevOps Engineer with 4+ years of hands-on experience supporting, automating, and optimizing mission critical deployments in cloud services like Azure & AWS, leveraging configuration management tools, developing and maintaining CI/ CD and DevOps processes.

WORK EXPERIENCE

ZONE   Mar 2025 - Present
DEVOPS SPECIALIST   *Lagos, Nigeria*
- Built CI/CD pipelines for blockchain APIs and smart contracts, integrating Jira, Azure-Pipelines and custom tooling.
- Integrated AI tools for automated PR reviews, reducing human error and increasing development speed and efficiency
- Developed internal automation scripts with Bash and Python, significantly improving deployment speed and team efficiency.
- Managed system infrastructure for Production, Staging, QA and Development teams, ensuring reliable and consistent environments with high availability.

ICE COMMERCIAL POWER   Nov 2022 - Feb 2025
DEVOPS ENGINEER   *Lagos, Nigeria*
- Designed and implemented the infrastructure for the Catalyst App using Terraform, Bash, Azure, and GitHub Actions, resulting in improved deployment speed and reliability
- Built and maintained a robust CI/CD pipeline for the Catalyst App, streamlining the process from project build to deployment.
- Delivered clean, readable, and reusable Infrastructure-as-Code (IaC) configurations with thorough documentation, enhancing team collaboration and code maintainability
- Ensured 99.8% application uptime by proactively managing infrastructure and applying security best practices.
- Reduced infrastructure costs by 20% through optimization and efficient resource allocation.

FREELANCER   Mar 2021 - Sep 2022
DEVOPS ENGINEER   *Lagos, Nigeria*
- Streamlined Azure deployments and developed CI/CD pipelines, reducing deployment time.
- Automated processes with cron, Python, and Bash, improving operational efficiency by 25%.
- Enhanced code readability and execution speed by containerizing client applications, reducing runtime issues by 40%.
- Built and managed Kubernetes workloads, ensuring scalability and consistent uptime for client environments.
- Implemented Datadog monitoring and alerting, improving issue detection and resolution speed.

HAMOYEAI LABS   Jun 2020 - Dec 2020
DATA SCIENTIST INTERN   *Lagos, Nigeria*
- Analyzed large datasets using SQL and Python, enabling data-driven decision-making for business solutions.
- Designed and trained supervised and unsupervised machine learning models, which improved predictive accuracy and business insights.
- Developed and optimized Power BI dashboards, enhancing data visualization and reporting efficiency.
- Managed and maintained databases, ensuring data integrity and seamless integration with analytical tools.

SKILLS

- **Cloud/Infrastructure**: Azure, AWS, GCP, Terraform, Ansible, Kubernetes, Docker.
- **CI/CD & Monitoring**: Jenkins, TeamCity, GitHub Actions, Grafana, Prometheus, Datadog, ELK Stack, Filebeat.
- **Languages**: Golang, Python, Bash, SQL

EDUCATION AND TRAINING

Lagos State University
*BACHELOR OF SCIENCE (**Physics**)*

LANGUAGE SKILLS

- YORUBA (Mother tongue(s))
- ENGLISH (Native Speaker)

PROJECTS

Vintage Games Platform (Kubernetes, Nginx, Kustomize)
- Built a platform hosting multiple games, including Tetris and 2048.
- Traffic is routed using **Nginx**.
- Utilized **Kustomize** for environment-specific Kubernetes deployments and EKS for managed Kubernetes services, with Git Actions automating CI/CD workflows.

Flash Deals API (Go, Docker, ELK)
- Architected a high-concurrency Flash Sales API in **Go** using Server-Sent Events for real-time inventory updates and mutex locking to ensure data consistency.
- Engineered a comprehensive observability pipeline using the **ELK Stack** and **Filebeat** to scrape structured logs and visualize system latency, errors, and throughput.
- Containerized the application and logging infrastructure using **Docker Compose** to create a reproducible, production-ready microservices environment.

Tasks API (Terraform, AWS, Python)
- Provisioned a complete API infrastructure using **Terraform**, **AWS (EKS)**, and **Python**.
- Dockerized the flask API, deployed it on EKS as a **Kubernetes** deployment, Exposed it internally as Load Balancer.
- Integrated **API Gateway** (with **VPC Links**) and **Lambda authorizer** to secure endpoints.
- Automated deployment using **GitHub Actions** and ensured teardown/reprovision support

Jira Custom Deployment Tool (Azure, Jira, Teams)
- Automated deployment triggers from Jira issue transitions, enabling seamless environment-specific pipeline execution based on custom workflow states.
- Implemented role-based access control, ensuring only authorized teams could trigger deployments to sensitive environments like staging or production
- Mapped Jira issue metadata (e.g., version, team, environment) to **Azure Pipeline** variables, supporting dynamic deployment behaviors and validations.
- Integrated post-deployment feedback loop with Jira, updating issue status automatically upon success/failure and sending notifications to **MS Teams**.

PUBLICATIONS

- Improving your Deep Learning Model with Transfer Learning using Tensorflow Hub. 2021
- Scraping User Information On GitHub Using PyGithub. 2022
- Crafting Effective DevOps Pipelines. 2023
- Customizing Kubernetes Resource Configurations with Kustomize. 2024

CERTIFICATION

- **CERTIFIED KUBERNETES ADMINISTRATOR (CKA)**: Linux Foundation
- **CERTIFIED TERRAFORM ASSOCIATE**: Hashicorp