Busisiwe Pieterson - Junior DevOps Engineer

Contact Information

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GitHub: https://github.com/BusisiwePieterson

Medium: https://medium.com/@pietersonbusi

Professional Summary

Motivated and hands-on Junior DevOps Engineer with 1+ year of experience designing and maintaining scalable, cloud-based infrastructure. Proven ability to implement CI/CD pipelines, automate workflows, and provision infrastructure using tools like Terraform, Jenkins, Docker, and AWS. Solid understanding of the software development lifecycle (SDLC), Agile methodologies, and DevOps culture. Eager to learn and grow within high-performing teams while supporting cloud and on-premise environments.

Technical Skills

- Operating Systems: Linux (Ubuntu, CentOS), Windows

- Cloud Platforms: AWS (EC2, S3, IAM, VPC, EKS, ECR, CloudWatch, Route53, ALB)

- Containerization & Orchestration: Docker, Kubernetes (EKS, ECS)

- CI/CD & DevOps Toolchain: Jenkins, GitHub Actions, SonarQube, Nexus, Argo CD, Maven, JFrog Artifactory

- Infrastructure as Code: Terraform, AWS CloudFormation

- Scripting & Automation: Bash, Python

- Configuration Management: Ansible

- Monitoring & Logging: AWS CloudWatch, ELK Stack

- Version Control: Git, GitHub

- Web (Basic): HTML, CSS, JavaScript

Professional Experience

Darey.io - DevOps Engineer (Externship)

Remote | Jan 2023 - Feb 2024

- Provisioned and managed AWS infrastructure using Terraform to create scalable, repeatable environments, reducing manual setup and risk of human error.

- Built and optimized CI/CD pipelines with Jenkins, SonarQube, and Nexus to streamline delivery, enhance code quality,

and ensure smooth deployments.

- Deployed containerized applications on AWS ECS and EKS using Docker and Kubernetes, improving application scalability and resilience.

- Automated routine tasks using Bash scripts and Ansible Playbooks, saving time and ensuring consistent configuration across environments.

- Monitored infrastructure with AWS CloudWatch, Prometheus, and Grafana, allowing for proactive issue resolution and improved system reliability.

- Documented DevOps workflows and infrastructure for better knowledge sharing and faster onboarding.

- Collaborated with fellow DevOps engineers on simulated production projects, building strong teamwork and tool integration skills.

- Strong experience in AWS and AWS networking such as VPC, Load Balancing, Compute and IAM.

- Experience working with Route53 and hosted zones where I have orchestrated the Route 53 and ALB for custom domain implementation in Kubernetes.

GovAssist LLC - Customer Support Specialist (Remote)

Aug 2021 - Nov 2022

- Promptly responded to customer queries via calls, emails, and chat.

- Diagnosed and troubleshooted problems effectively and escalated to higher-level support when necessary.

- Conducted follow-up communication to ensure issues were resolved to the customer's satisfaction.

- Kept customers informed about the status of their inquiries or issues.

- Handled high-pressure situations calmly and professionally.

- Built strong relationships with customers to foster loyalty.

Umuzi Academy - Web Developer Intern

Mar 2020 - Jun 2021

- Developed scalable front-end systems for the web.

- Followed the software development life cycle to plan, design, build, test, and deploy applications.

- Developed and maintained scripts to automate system administration tasks.

- Implemented security best practices to ensure system integrity.

- Used programming languages and tools including HTML, CSS, JavaScript, ReactJS.

- Collaborated with designers and project managers to meet project requirements and deadlines.

Education & Certifications

- Google IT Support Professional Certificate - Coursera (Google), 2024

- DevOps Bootcamp - AOS Note, Jan 2022 - Sep 2022

- National Certificate in IT: System Development - Umuzi Academy, Mar 2019 - Mar 2020

Learning and Development

Check out my portfolio: https://busisiwepieterson.github.io/busipieterson.github.io/

Soft Skills & Attributes

- Strong communicator and collaborator

- Proactive and eager to learn new DevOps tools

- Troubleshooting abilities and attention to detail

- Adaptable to Agile environments and open to feedback