Eric Amponsah
DevOps Engineer
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Professional Experience

Technically minded and highly qualified AWS certified DevOps engineer with four years of experience with AWS cloud services, Docker, Kubernetes, Linux, Bash Scripting, Git as well as DevOps tools, such as Terraform, Ansible, Jenkins. Proficient in automating, orchestrating containers, optimizing mission-critical deployments, developing cloud infrastructure, leveraging configuration management, CI/CD, and DevOps processes. Expertise in building a strong foundation for the operational excellence and future prosperity of the company by enforcing best DevOps practices. A highly motivated and energetic team player with excellent communication, collaboration, and interpersonal skills.

Work Experience

DevOps Engineer
Basecamp
July 2019 – Current Chicago, IL

Responsibilities:

- Created Deployments and Services in Kubernetes for orchestration of Docker containerized applications in a cluster of Linux-based EC2 instances in an AutoScaling Group.
- Created RDS Postgres and MySQL for eks cluster using Terraform.
- Set up monitoring for the Kubernetes cluster using Prometheus and Grafana, improving the speed of real-time feedback on system performance.
- Built AWS Cloud Infrastructure with automation and configuration management tools such as Ansible, Terraform. As a result, the creation of AWS services (IAM, VPC, EC2, ELB, RDS...) for different environments was automated (ex: Prod and Dev).
- Designed and implemented 3-Tier architecture on AWS, which improved scalability, reliability, and security of the application.
- Used Poll SCM and GitHub Webhooks with Jenkins to automate Jenkins tasks.
- Built CI/CD pipeline with Jenkins in a containerized environment, utilizing kubernetes and docker for runtime. This enabled a process of continuously building, testing and deploying apps to DEV and PROD environments.

Cloud Engineer
Dialog Tech
November 2017 – July 2019 Chicago, IL

Responsibilities:

- Installed applications on AWS EC2 instances and implemented storage solutions using S3 buckets, EBS.
- Designed highly available, fault-tolerant, and scalable solutions in AWS
- Created IAM users, groups, organized employee users into their respective team groups, assigned cross-account role access to groups, and implemented MFA to provide additional security for AWS Organization accounts.
- Managed different AWS services including VPC, peering connections, Security Groups, EC2, ELB, Auto Scaling groups, Route 53, Cloud Watch, S3, RDS.
- Monitored and troubleshooted applications deployed on AWS by setting up AWS Cloudwatch & AWS Cloudtrail to increase overall uptime and efficiency.

Education

University or School: Kwame Nkrumah University of Science and Technology, Ghana.

Field of study: BSC. Logistics and Supply Chain Management
Period: 08/2009 - 06/2013

University or School: Institute of Chartered Accountants, Ghana.
Field of study: Chartered Accounting
Period: 2003 - 2006

Certificates

Amazon Web Services Solution Architect Associate

Skills

- AWS
- Docker
- Kubernetes
- CI/CD pipeline
- Shell
- Jenkins
- Ansible
- GitHub
- Linux
- Terraform