

ADESOLA AKINTOLA
DevOps Engineer
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SUMMARY

Cloud DevOps Engineer with 5+ years' experience in delivering continuous integration and delivery processes in an agile environment, while demonstrating hands-on experience in setting up operations, automation, and maintenance of a DevOps integration and delivery pipeline. Solid software development background married with effective intercommunication skills to promote compromise with developers and support engineers highly motivated, Software Automation Engineer with excellent intra-personal skills highly developed focus on DevOps and CI/CD Automation and working in a multi-cultural environment.

Professional Summary

- Worked with open-source software across a range of frameworks and technologies: Microservices, kubernetes, docker, AWS.
- Architecting and extending Azure DevOps Server based automated deployment pipelines that target both on-prem and Azure based environment.
- Strong Linux OS hands-on experience with detailed knowledge base of Open Source software.
- Experience in real-time monitoring and alerting of applications deployed in AWS managed services (CloudWatch, CloudTrail, and Simple Notification Service).
- Experience developing for CI/CD tools like Jenkins or Code Deploy/Pipeline.
- Experienced in configuration management of various multi-layered applications using Ansible and Puppet and containerization technology such as Docker and Kubernetes.
- Transforming storage infrastructure with Ceph.
- Experience with GCP Cloud (Understanding of GKE, Apigee, API gateway, etc.)
- Experience with Source Control management – SVN, GitHub in adds, commits, deletes of codes.
- Managed physical and cloud infrastructure running Redhat/CentOS on AWS cloud.
- Simplifying entire foodchain using gitlab.
- Experienced in provisioning instances with CloudFormation, Autoscaling, VMware templates, clones, and AWS snapshots.
- Experienced in Bash scripting, Perl, Python to automate the tasks by using cron scheduling.
- Good experience in the design and implementation of Continuous Integration, Continuous Deployment, Continuous Delivery and Devops Operations.
- Experienced with deployments, maintenance and troubleshooting applications on Azure.
- Experience in AWS CloudFormation, AWS EC2, VPC, S3 and similar technologies.
- Working in infrastructure development on Amazon Web Services (AWS) cloud platform services stack including Elastic Cloud Compute EC2, S3, EBS, EFS, Elastic Bean Stalk, Route53, VPC, cloud

Front, Dynamo DB, Red Shift, RDS, Key Management Service (KMS), Identity & Access Management (IAM), Elastic Container Service (ECS), Elastic Load balancing, cloud Formation, Elastic Cache, SNS, SQS focusing on high availability, fault-tolerance, and auto-scaling.

PROFESSIONAL EXPERIENCE

PANGAEA HOLDINGS

Austin, Tx

DevOps Engineer | Dec 2021 – Current

- Designed and implemented Azure Cloud Infrastructure by creating Azure Resource Manager (ARM) templates for Azure platform. Also used Terraform to deploy the infrastructure necessary to create development, test, and production environments
- Used Terraform to build staging and production environments. Integrated Azure Log Analytics with Azure VMs for monitoring the log files.
- Setting up the Azure environment: This includes creating an Azure account, setting up Azure resources such as virtual machines and storage, and configuring networking and security.
- Using Azure DevOps to manage the application development lifecycle, and deploying the application to Azure using tools such as Azure App Service or Azure Kubernetes Service.
- Integrated Kubernetes with network, storage, security to provide comprehensive infrastructure and orchestrated container across multiple hosts.
- Build and configure Open stack deploying servers using KVM.
- Managed Azure infrastructure Azure Web Roles, Worker Roles, VM Role, Azure SQL, Azure Storage, Azure AD Licenses. Virtual Machine Backup and recover from a Recovery Services Vault using Azure Portal.
- Worked on setting up Veritas clustering.
- Performed application server builds in EC2 environment and monitoring them using cloud watch
- Creating snapshots and amazon images of the instances for backup and creating clone instances
- Support of applications like Apache, tomcat, and java-based app running on Linux machine for multiple clients
- Design user's credentials and profiles using AWS IAM.
- Monitoring Live Traffic, logs, Memory utilization, Disk utilization and various other factors which are important for deployment.
- Monitoring servers using Nagios, Cloud watch and using ELK Stack Elasticsearch Fluentd Kibana.
- Maintained Automated Salt scripts for Elasticsearch, Logstash, Kibana, and Beats.
- Built visualization and dashboards using Kibana.

BRINKS

Austin, Tx

DevOps Engineer | Nov 2017 - Nov 2021

- Built and maintained infrastructure using Terraform for AWS cloud environments to host multiple services.
- Implemented Kubernetes for container orchestration and utilized Helm to deploy applications to production environments.
- Implemented monitoring and logging using Prometheus, Grafana, and ELK stack to ensure system performance, stability, and reliability.
- Implemented and automated solutions on AWS cloud via Jenkins Pipeline, Terraform, Cloud formation, Ansible, Shell.
- Configured the SSL certificates for AWS EC2, database and Amazon CLI servers.
- Configured Federation services for the application single-sign on in AWS cloud using AWS IAM service.
- Created alarms and alerts in CloudWatch, and AWS SNS services for monitoring: for monitoring the server performance, CPU utilization, disk space, storage and bandwidth utilization.
- Automated infrastructure provisioning and configuration using CloudFormation and Ansible for AWS cloud environments.
- Implemented Docker for containerization and utilized AWS ECS for container orchestration.
- Implemented monitoring and logging using CloudWatch and ELK stack to ensure system performance, stability, and reliability.
- Worked with development teams to optimize infrastructure and application performance by identifying and resolving bottlenecks.
- Assisted with database administration tasks using MySQL and PostgreSQL.
- Designed and implemented Azure Cloud Infrastructure by creating Azure Resource Manager (ARM) templates for Azure platform. Also used Terraform to deploy the infrastructure necessary to create development, test, and production environments
- Used Terraform to build staging and production environments. Integrated Azure Log Analytics with Azure VMs for monitoring the log files.
- Integrated Kubernetes with network, storage, security to provide comprehensive infrastructure and orchestrated container across multiple hosts.
- Managed Azure infrastructure Azure Web Roles, Worker Roles, VM Role, Azure SQL, Azure Storage, Azure AD Licenses. Virtual Machine Backup and recover from a Recovery Services Vault using Azure Portal.
- Performed application server builds in EC2 environment and monitoring them using cloud watch
- Creating snapshots and amazon images of the instances for backup and creating clone instances

EDUCATION

UNIVERSITY OF LAGOS

BSC in Computer Science | 2004 - 2008

TECHNICAL PROFICIENCIES

Azure Cloud Services: IaaS, PaaS, VM Migration, Networking (VPN, Express route, UDR, NSG, Load Balancer, Firewalls), Azure API, Compute, Storage, Active Directory, Azure Site Recovery, Azure ARM, Azure AD, Azure Site Recovery, Azure Backup,

Monitoring Tools: DataDog, Azure Monitor, Site24X7

Scripting: PowerShell, Bash, Shell

Cloud Technologies: MS Azure, Docker, Ansible, Containers, Kubernetes, Octopus Deploy, Cloud Networking & Troubleshooting

DevOps Tools: Jenkins, Octopus deploy, Ansible, CI/CD, Git, Bitbucket, Azure CLI, Terraform

Operating Systems: Linux, Windows.

PROFESSIONAL CERTIFICATIONS:

ITIL Foundation - Certified

PMP – Certified

AWS Certified Devops Professional

AWS Solutions Architect Certified Associate – In Progress

ServiceNow Administrator / Developer

