Promise Imeh

DevOps Engineer

Lagos, Nigeria

Promise.imeh9@gmail.com

Tel / whatsapp: +2348140358132

linkedin.com/in/iamimeh

SUMMARY

DevOps Engineer with 3 years of experience in designing, implementing and maintaining cloud-based systems. Proficient in AWS, Azure, GCP, Docker, Kubernetes, Ansible, Jenkins, Git, and other DevOps tools. Strong problem-solving skills and a passion for automation. Proven ability to enhance system performance and drive operational efficiency.

EXPERIENCE:

company Name: **Adler Technology**
Position: **DevOps Engineer / IT Admin**
Duration: Feb, 2022 – current

- Designed and implemented CI/CD pipelines using Jenkins, reducing release cycles by 30%
- Automated the continuous integration and deployments using Jenkins, Docker.
- Deployed applications to Tomcat server and static content to Apache web servers.
- Designed and deployed infrastructure on AWS and Azure using services such as EC2, S3, RDS, ELB, Elastic Beanstalk, and Route 53.
- Used Jenkins tool to automate the build processes.
- Created Docker containers and deployed them in Kubernetes clusters, ensuring high availability and scalability of application.
- Build and maintain infrastructure using Ansible and Terraform
- Worked with development teams to identify and resolve production issues, reducing downtime by 80%
- Worked on Docker container to create docker images for different environments.
- Monitored and optimized system performance using Cloudwatch
- Technical Operation & Support
- Drive the IT Department and the Business solutions & offerings.
- Implemented IT initiatives to produce measurable business value.
- Built IT infrastructure to support key business strategies and evolving processes.
- Build and Maintain the Business Website.

EXPERIENCE:

company Name: **Equipment Hall Limited**
Position: **IT Admin**
Duration: Aug, 2017 – Jan ,2022.

- Configuring and managing Jenkins master and slave nodes
- Designed and deployed infrastructure on AWS and Azure using services such as EC2, RDS, ELB, Elastic Beanstalk, and Route 53.
- Provisioning infrastructure on AWS using Terraform, including VPCs, subnets, security groups, EC2 instances, and RDS databases
- Created and maintained Ansible playbooks for automating application deployment and configuration management.

- Implemented CI/CD pipelines using Jenkins and Git, reducing manual intervention and increasing release frequency.
- Technical Operation & Support
- Technical Support (Hardware and Software)
- Managed Dell Servers (PowerEdge Rack servers)
- Networking
- Maintaining and upgrading IT devices
- Managing IT project

TRAINING & CERTIFICATION:

- Azure DevOps (AZ 400)
- Docker Certified Associate
- AWS Cloud Practitioner
- Google Cloud Foundation
- Ansible Certified Engineer
- CKA

SKILLS

- AWS, Azure, Docker, Kubernetes, Ansible, Jenkins, Terraform, Git, Helm chart.
- Linux, Windows, Bash, Nginx.
- HTML, CSS, JavaScript, Bootstrap, Yaml, Json
- CI/CD, Agile methodologies.
- SonarQube, Nexus, Prometheus, Grafana, Datadog
- MYSQL, RDS, Active MQ, Redis, Elastic Cache, S3
- Elastic Beanstalk, Route 53, IAM, CloudFront, Cloudwatch
- Maven, Tomcat, Java deployment.

PROJECTS

Project: Continuous Delivery Pipeline

- Designed and implemented a continuous delivery pipeline using Jenkins, Docker, and Kubernetes
- Automated build, test, and deployment of applications to multiple environments
- Automated unit tests, integration tests, and deployment to production using Ansible playbooks.
- Reduced deployment time by 90% and improved code quality by catching bugs earlier in the development cycle
- Developed custom scripts and plugins to integrate with external tools such as SonarQube and Artifactory

Project: Microservices Architecture

- Designed and implemented a microservices architecture using Docker, Kubernetes.
- Built and deployed microservices using technologies such as Node.js, Python, and Java
- Implemented service discovery and load balancing using Kubernetes Services and Ingress
- Improved application scalability and resilience by using Kubernetes Horizontal Pod Autoscaling and self-healing mechanisms

Project 2: Infrastructure as Code

- Created Terraform templates to deploy and configure infrastructure on AWS
- Automated the deployment of EC2 instances, RDS databases, and Load balancer
- Reduced infrastructure deployment time by 70% and improved consistency by ensuring identical environments across multiple accounts.

Project: Kubernetes Deployment

- Deployed and managed Kubernetes cluster on AWS
- Containerized applications using Docker and Kubernetes YAML files
- Improved application scalability and reliability by implementing autoscaling and rolling updates
- Reduced infrastructure costs by 30% by implementing spot instances for non-critical workloads

Project: Cloud Infrastructure Monitoring and Alerting

- Implemented cloud infrastructure monitoring and alerting using Prometheus and Grafana
- Developed custom dashboards and alerts to monitor server and application metrics
- Improved infrastructure uptime and availability by quickly identifying and resolving issues before they caused downtime
- Automated infrastructure scaling using Prometheus metrics and Kubernetes horizontal pod autoscaling

Project: DevOps Process Automation

- Designed and implemented a fully automated DevOps process using Jenkins and Ansible
- Automated unit testing, integration testing, building, and deployment of applications
- Reduced deployment time by 80% and improved code quality by catching bugs earlier in the development cycle
- Developed Ansible playbooks to provision infrastructure, configure servers, and deploy applications to production

Project: Cloud Migration

- Successfully migrated on-premise infrastructure to the cloud using AWS and Terraform
- Improved infrastructure scalability and reliability by implementing auto-scaling groups and load balancers
- Reduced infrastructure costs by 50% by optimizing infrastructure usage and leveraging cloud provider discounts
- Conducted thorough testing and validation of the migrated infrastructure to ensure a smooth transition

SOFT-SKILLS

- Strong communication skills to collaborate effectively with cross-functional teams
- Problem-solving
- Adaptability
- Time management
- Leadership
- Integrity
- Continuous learning

REFERENCE:

- Available upon request