

JOSEPH ASUQUO

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LINUX/DEVOPS ENGINEER

OBJECTIVE

To secure a position as a Linux/DevOps Engineer utilizing my Decade of experience in design, implementation, and maintenance of large-scale, highly available systems and infrastructure.

SUMMARY

With a decade of experience in the IT industry, I am a highly skilled Linux/DevOps engineer with a proven track record of delivering complex and mission-critical projects. I have expertise in designing, implementing, and maintaining secure, scalable, and highly available systems, utilizing various open-source technologies. I possess a deep understanding of automation, continuous integration/delivery, and cloud infrastructure, allowing me to provide efficient and effective solutions to meet the demanding needs of modern organizations.

SKILLS SUMMARY

- Linux/Unix administration
- DevOps
- Automation and configuration management
- Cloud computing (AWS and Azure)
- Scripting (Python, Bash)
- CI/CD pipelines (Jenkins, GitLab CI)
- Networking protocols
- Security
- Performance Tuning
- Independent and Team Player

PROFESSIONAL EXPERIENCE

DevOps Consultant

August 2022 till date

Bloomy technologies

- Cloud Computing Technologies and Implementation Training (AWS,AZURE)
- Git/GitHub for Scm
- Jenkins for CICD pipeline implementation

- Jfrog Training for artifact and Binary storage
- SonarQube for SAST implementation
- Ansible and Terraform for Infrastructure Automation
- Docker Training for Application containerization
- Kubernetes Training for container Orchestration
- Monitoring for End to End Infrastructure insight and management (Prometheus & Grafana, CloudWatch, Zabbix, Splunk , etc)

Project

- Build And Deploy A Cid Pipeline Using All Deveops Tools Integrating Sast (Git, Maven, Jenkins, SonarQube, Jfrog, Docker, Kubernetes,)
- Infrastructure Automation With Terraform Cloud
- Deployed a highly available Web application on AWS EKS using the following tech Stack.(React, Nodejs, MongoDB, RabbitMQ, notification api)

• Linux DevOps Engineer

June, 2017 – August 2022

Bao Systems

Abuja, US

- Scanned over 60+ cloud end points for vulnerabilities using Tenable Nessus.
- Minimized redundancies and organized the back end to improve application performance speed by 7%.
- Deployed over 10 applications and handled configuration using Ansible.
- Installed, configured, and Upgraded RedHat Linux, centos, Ubuntu and windows servers.
- Managed user authentication and access on Linux systems ensuring secured and controlled access on production systems resulting in a 15% increase in production efficiency.
- Led a group of 3 DevOps experts in the transfer from Digital Ocean to AWS, saving the organisation #1 million per year while boosting efficiency by 5%.
- Built CI/CD pipelines using Jenkins and Git/GitLab for continuous integration. testing and deployment.
- Implemented Docker containers to ensure developer efficiency by 28% and server consolidation and management by 12%.
- Executed customer support via phone calls, email, and chat for more than 20 customers daily for incidence logged on the fresh desk.
- Reduced monthly cost by 23% by removing of unnecessary databases and servers.
- Executed Infrastructure Application solutions using Terraform (infrastructure as code), Cloud formation Templates, Ansible for configuration management, increasing operational productivity by 14.5%.
- Designed new architectures with Amazon Web Server (AWS) for a lift and shift style transfer.
- Deployed Applications with Devops pipelines in Azure.
- Managed 60+ system routine backups, scheduling jobs and enabling systems logging.
- Deployed Dhis2 web Applications with Apache as webserver, Nginx as reverse proxy
- Planned and implemented Disaster recovery for the infrastructure
- Created documentation and guides on our core products for both in house and external users

Project

- Build and train Devs on VCS(version control systems)
- Deploy custom Java based applications for clients using cloud formation on aws
- Implement Configuration management and application deployment on linux operating systems with Ansible
- Artifact management using docker, Jfrog

- Monitoring Endpoints with cloud watch, Zabbix
- Build And Deploy Azure Pipelines, Dashboards

INFRASTRUCTURE SPECIALIST

April 2014 – June, 2017

Huawei

Lagos, Nigeria

- Monitored and troubleshoot servers, as well as testing and installed the most recent software for end-users, increasing service usability by 32%.
- Performed 100% server maintenance procedures, monitored system access, controlled file space, and optimized the system for optimum performance, Cluster management, and BASH scripting for file and log retrieval/collection/monitoring.
- Improved monitoring of applications and infrastructure systems, resulting in a 13% reduction in critical incidents.
- Supervised a team of 5 people who were in charge of change management, automation, and all-day production support.
- Facilitated I.T infrastructure in 60 retail shops/mobile point of sales (MPOS buses)/kiosks/Regional offices/mini-shops within the South West Region in Nigeria.
- Developed and maintained automated CI/CD pipelines for code deployment using Jenkins while automating the deployment process, resulting in the elimination of 50% manual effort and an increase in work efficiency.
- Created SOPs and deployed OS and update patches for production Systems using the system configuration manager (SCCM)
- Orchestrated reports and metrics for top management as required for all services using SCOM for monitoring of Critical systems
- Mobilized first-line support for Windows Users and applications. Using protocol like Active Directory, share drive access, GPO, Windows 7 -installation and upgrade, patching network cables.
- Spearheaded Network Optimization and ensured the network infrastructure meets the growing requirements of the business, which increased the customer base by 1000+
- Installed Cloud Server Administration (Azure) and operated both physically and virtually, implementing 100% availability
- Oversaw designing, testing and implementing of disaster recovery and conducting vulnerability assessments in the organization

EDUCATION

- **B.Sc Computer Science**
Convenant University

June 2010
Ogun, Nigeria

SOFT SKILLS

✓ Negotiation Skills

✓ Organization Skills

✓ Flexibility

✓ written and verbal communication

✓ Listening Skills

✓ Fast Learner

TECHNICAL SKILLS BREAKDOWN

- **VERSION CONTROL:** GIT, BITBUCKET
- **CONTINUOUS INTEGRATION:** JENKINS, GIT LAB
- **VIRTUALIZATION:** ORACLE VIRTUAL BOX, KVM, VAGRANT
- **TICKETING:** JIRA, FRESH DESK
- **PLATFORMS:** RHEL, LINUX, UBUNTU, WINDOWS.
- **AUTOMATION:** ANSIBLE, BASH SHELL SCRIPTING.
- **CLOUD PROVIDERS:** AWS, AZURE, DIGITAL OCEAN.
- **CONTAINERIZATION:** DOCKER , KUBERNETES.
- **INFRASTRUCTURE DEPLOYMENT:** TERRAFORM, CLOUD FORMATION TEMPLATES.
- **LANGUAGES:** HTML, CSS, PYTHON
- **DEVELOPMENT:** JIRA, BITBUCKET, GIT, GITLAB
- **DATABASE AND CLOUD:** SQL, POSTGRESQL,MYSQL
- **CONTINUOUS MONITORING:** NAGIOS,ZABBIX, CLOUDWATCH
- **WEB SERVERS:**APACHE,NGINX,TOMCAT
- **NETWORKING:** TCP/IP, DNS, SSH
- **TECHNOLOGIES:** GSUITE, SLACK,OFFICE365, DJANGO,
- **SYSTEM MAINTENANCE TROUBLESHOOTING & SUPPORT:**MAC,LINUX,WINDOWS
- **IT SECURITY:** SYSTEM SECURITY,FILE SECURITY, NETWORK SECURITY, INFRASTRUCTURE SECURITY.
- **IDS TECHNOLOGIES:** SNORT, SURICATA
- **CERTIFICATIONS:** ITIL V3 CERTIFIED, MICROSOFT TECHNOLOGY SPECIALIST, AWS CERTIFIED ASSOCIATE IN VIEW, RED HAT CERTIFIED ADMINISTRATOR IN VIEW, CKAD IN VIEW

PROJECTS

- BUILD CICD PIPELINE FOR STORING GENERATED ARTIFACTS IN JFROG USING JENKINS.
- DEPLOY A JAVA WEB APPLICATION USING CICD-GIT,MAVEN, JENKINS,SONARQUBE, ANSIBLE, DOCKER
- INSTALLATION AND CONFIGURATION OF IDS(INTRUSION DETECTION SYSTEM), IPS, NIDS (SNORT,SURICATA, ZEEK)
- DEPLOYMENT OF OPENID AUTH FOR WEB APPLICATIONS USING AZURE AS IDP,
- DEPLOYMENT OF HYBRID ARCHITECTURE FOR ACTIVE DIRECTORY (AWS), AZURE SHIFT AND LIFT STYLE
- INFRASTRUCTURE AUTOMATION AND DEPLOYMENT OF WORD PRESS WEB APPLICATION WITH TERRAFORM
- DEPLOY OF WEB APPLICATION FOR LIBRARY MANAGEMENT SYSTEM USING -TOMCAT,NGINX, POSTGRESQL,JAVA
- BUILT VERSION CONTROL SYSTEM FOR DEVELOPERS IMPLEMENTING GITHUB BRANCHING STRATEGIES.
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