JOSHUA SANNI

Snr. DevOps Engineer

📍 Remote, USA
📞 (443) 559-7315
✉ Dojsanni@gmail.com
LinkedIn: @linkedin.com/in/jsanni
American Citizen

Highly and results-driven Cloud DevOps Engineer with over 10 years of experience supporting pipeline management for business applications deployed within AWS, Azure and GCP. Proficient in configuring and maintaining CI/CD pipeline and Proven track record in Build & Release Management, Consult & Contribute to system architecture in extensive work towards code compilation, packaging, building, debugging, automating, managing, tuning and deploying code across multiple environments.

EDUCATION

University of Lagos

MBA Business Administration

And Management Lagos , Nigeria

B.sc COMPUTER ENGINEERING
Lagos , Nigeria

CERTIFICATIONS

Red Hat Certified System Administrator (RHCSA)
AWS Certified Cloud Practitioner (CCP)
AWSCertified Solutions Architect Associate (SAA)
AWS Certified SysOps Administrator (SOA)
AWS Certified Solutions Architect Professional (SAP)
AWS Certified DevOps Engineer Professional
AWS Certified Security - Specialty (SCS)
AWS Certified Kubernetes Administrator (CKA)
Certified Kubernetes Application Developer(CKAD)
Certified Kubernetes Security - (CKS)
Project Management Professional (PMP)
Microsoft Certified: Devops EngineerExpert
Microsoft Certified: Azure Administrator Associate.
AZ-304: Microsoft Azure Architect Design
Microsoft Certified: Azure Solutions Architect Expert.
AZ-303: Microsoft Azure Architect Technologies
AZ-400: Designing and Implementing Microsoft DevOps Solution.
LFS260: Kubernetes Security Essentials

EXPERIENCE

Devops/Cloud Engineer
NIH
OCT 2020 – Present | Rockville, MD

- Breaking down monolithic applications hosted on-prem into microservice architecture hosted in containers or using server-less workloads.
- Collaborate with product owners to design and deploy business and scientific products on a custom Docker platform as a service (Paas) in Amazon Web Services (AWS).
- Collaborating with software developers in designing solutions to host and deploy custom business and scientific applications on our PaaS in AWS.
- Developed smoke tests pipeline for applications.
- Configured Sonarqube to run code quality for java and NodeJS applications.
- Migrated Sonarqube which was running in ECS to kubernetes cluster to optimize cost.
- Managed kubernetes charts using Helm and created reproducible builds of microservices on k8scluster.
- Worked on managing k8s deployment and service files and releases of Helm packages.

System Engineer
TISTA
JAN 2018 – SEP 2020 | Rockville, MD

- Collaborate with Developers and Testers to ensure streamlined CI/CD Developing CI/CD roadmap and implementing to the project
- AWS services administration using IAM, VPC, Route 53, EC2, S3, CodeBuild, CodeDeploy, Redshift, RDS, CloudWatch CloudFormation
- Develop and automate standard operating procedures around common failure scenarios.
- Monitor, analyze, and report performance statistics for cloud hosted environments.
- Develop application features, measure performance, improve and act upon performance data. Consult and contribute to system architecture.
- Complete deployment and maintenance of AWS VPC with site-to-site VPN Connection
- Building Jenkins pipelines for packaging and building proprietary applications into Docker Images.
- Strive for continuous improvement and build continuous integration, continuous development, and constant deployment pipeline (CI/CD Pipeline)
- Monitoring the processes during the entire lifecycle for its adherence and updating or creating new processes for improvement and minimizing the wastage.

Linux Administrator / DevOps Engineer
GENSYS Technology
JULY 2014 – SEP 2018 | Baltimore, MD

- Collaborate with Dell EMC to decide the appropriate specifications for the network Switches, Servers and SANs to deploy our product stack with and deliver to our client sites.
- Monitoring performance metrics of swarm services using Prometheus and Grafana with customized Dashboard.
- Configuration of Dell Network Switches and configuration of DNS, DHCP and TFTP services for bare metal servers to be deployed in client sites.
- Designing and implementing infrastructure as code and CI/CD pipeline for deployments of large-scale web applications.
- Built in-house containerized Docker and Maven repository with Nexus for housing Docker Image Maven artifacts and Container orchestration using Docker Swarm.
- Implement Jenkins pipelines for API automation testing with SoapUI and Selenium.
- Integrated Telemetry API into Elasticsearch Kafka clusters.
- Created kafka topics to ensure data flow is consistent through telemetry API's.
- Created 28 services to integrate Apache Kafka into existing microservice architecture to allow event-driven data flow.
- AWS Services: Proficient in deploying infrastructure as code using AWS Compute (EC2), AWS Network (VPCs and Load Balancers), and AWS Serverless (API Gateway and Lambda) services. CI/CD Pipelines: Experienced in configuring and maintaining CI/CD pipelines using GitHub Enterprise Appliance, CloudBees Jenkins, SonarQube, Artifactory, and Invicti.

IT TECHNICAL SUPPORT
OCTOWORX

JUN 2006 – JUN 2014 | Lagos, NG

- Diagnose computer problems, monitor computer processing systems, install software and perform tests on computer equipment and programs, set up computer equipment, schedule maintenance and teach clients to use existing and new programs, manage repairs and computer parts ordering.
- Troubleshoot and resolve IT Technical issues from Clients, within Service Level Agreement (SLA).
- Support installation, maintenance, upgrades to local networks and communications Infrastructure, disseminate information on common problems to department staff, Tracks trending of issues and escalate, as appropriate.
- Deliver training sessions to the Agency's staff community, on new Applications on tips related to the use of software applications, computers Internet and intranet usage based on company policy.
- Manage the installation and replacement process for computers, server workstations, Work group naming and network configuration from initial request to final installation.