

Chukwubuikem Idigo

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321-301-9359

- 5+ years in practicing IT which includes but is not limited to DevOps, CI/CD, Infrastructure automation, quality engineering, system engineering and release management

EXPERIENCE

LinkPort (now Didalla) Startup, Remote — BackEnd Developer / Dev Ops Engineer

January 2020 - PRESENT

As a member of the Foundry team, one of my responsibilities was to implement DevOps transformation by working with Agile teams.

- Worked extensively with AWS and Azure Cloud platforms and their features
- Optimized Docker builds and ignoring files during Docker builds. Container logging, adding metadata with labels, load balancing with containers,.
- Container orchestration using Kubernetes. Installing and designing Kubernetes clusters, running jobs and deploying pods.
- Developed scripts for build, deployment, maintenance and related tasks using Jenkins, Docker.
- Implemented CI/CD pipeline for application deployment using tools like Git, Jenkins, Docker, Kubernetes, Nagios.
- Integrated backend systems with third-party services and APIs to enable features such as payment processing, authentication, and external data synchronization. This includes handling API authentication, data mapping, error handling, and ensuring data privacy and compliance with external service providers.
- Knowledge on Site Reliability Engineer concepts SLO/SLI/On call/Error Budget
- Proficient in database management systems (e.g., SQL, NoSQL) and responsible for designing database schemas, writing optimized queries, and ensuring data integrity and security. Additionally, responsible for database performance tuning and optimization to improve application performance and scalability.
- Skilled in debugging and monitoring backend systems for performance, reliability, and security. Responsible for implementing logging, monitoring, and alerting solutions using tools like AWS CloudWatch, Prometheus, Grafana, or ELK Stack. Additionally, proficient in diagnosing and troubleshooting issues in distributed systems, identifying root causes, and implementing corrective actions to maintain system uptime and performance.

Violet Stream LLC (Remote) — BackEnd Developer/ Cloud Engineer

SEP 2018 - JUNE 2020

- Collaborated with cross-functional teams to design and architect scalable and reliable backend systems.
- Responsible for optimizing system performance, scalability, and reliability through techniques such as caching, load balancing, and horizontal scaling. Additionally, responsible for monitoring system health and performance metrics and implementing proactive measures to address potential issues.
- Automated infrastructure provisioning on AWS, Azure and GCP using Terraform and Ansible Tower.
- Set up Git repositories and SSH Keys in Bitbucket for Agile teams.
- Helped teams configure Webhooks in GitHub to trigger automated builds in Jenkins.
- Set up Jenkins master, adding the necessary plugins and adding more agents to support scalability and agility.
- Suggested and implemented Git Branching Strategy for the Agile Team
- Set up CI Pipeline that checkout the code from SCM and packages it using Maven build tool, Provide code analysis with SonarQube and uploads to artifactory

- Set up CD Pipeline that deploys artifact built and deploys to Dev, QA, UAT and Prod
- Wrote Ansible playbooks for Code Deployment and Configuration Management.
- Performed Rollback Deployment using Ansible Tower
- Created Bash Scripts for process automation
- Created nightly builds with integration to code quality tools such as SonarQube
- Created quality gates in SonarQube dashboard and enforced in the pipelines to fail the builds when conditions not met.
- Converted java projects into Maven projects by creating POM file and ensured all the dependencies are built.

Nigerian National Petroleum Corporation, Abuja, Nigeria — Intern (computer administrator)

June 2018 - August 2018

- Performing patching on red hat servers.
- User and Group administration: Adding New Users, Deleting Existing users, Locking Users, Unlocking user, User Modification.
- Worked on Bash Shell scripting
- Handling user restore requests, database & exchange restores.
- Scheduling backups, working on change requests, Preparing RCA Overseeing incident management, change management on ticketing tools like HP SM.
- Worked on Nagios in order to Monitor CPU, Network statics, IO, Performance issues

Technical and Software Skills and expertise

Cloud Platforms	AWS, GCP, Azure
Framework/Dev Ops Tools	Maven, SONarQube,Artifactory, Jenkins, Datadog, Slack
Build Tools	Maven
Versioning Tools	Git, Github, Bitbucket
LAC Tools	Ansible Tower, terraform
Containers	Docker, Docker-Compose, Kubernetes
Application/Web Servers	Apache 2 x/1.3x, Tomcat
Operating Systems	Linux (ubuntu, Centos), Windows, Mac OS
Database integration	SQL Server, MySQL,Postgres
Programming Languages	Python, Java
Scripting & Other Tools	UNIX shell scripts (Ksh, Bash), Git Bash, Visual Studio, Sublime Text editor, Command line.

- Creating Golden AMIs for AWS deployments (using Packer and terraform)
- Configured Jenkins job with Maven build tool and accomplished continuous deployment by integrating Ansible and Jenkins using Jenkins plugins.
- Configured Jenkins nodes to build jobs in the view of distributing the load of Jenkins server and achieved

parallel builds.

- Experience in the usage of data center automation and configuration management tools such as Ansible, Docker, etc.
- Container orchestration using Kubernetes. Installing and designing Kubernetes clusters, running jobs and deploying pods.
- Installing and configuring Jenkins. Building, distributing and parameterizing the builds.
- Written the Ansible YAML scripts to configure the remote servers
- Implemented CI/CD pipeline for application deployment using tools like Git, MVN, Jenkins, Docker.
- Managing and maintaining Kubernetes infrastructure and Architecture
- Responsible for creating customized multistage builds for reducing image size
- Configuration and support of Kubernetes Container Platform
- Strong knowledge in automation of Kubernetes activities using CI/CD pipelines, templates and scripting.

EDUCATION

Harrisburg University, Harrisburg, PA — MSc, Project Management

June 2019 - May 2021

GPA: 3.97

Florida Institute of Technology, Melbourne, FL — BSc, Computer Science

January 2014 - May 2018

OTHER SKILLS

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| • Risk analysis and management | • Logical Reasoning |
| • Data Analysis & Predictive Modeling | • Program Development and Management |
| • Agile Development | • Continuous Improvements |
| • Effective Communication | • Budgeting and Forecasting |
| • Documentation Proficiency | • KPI Dashboards & Scorecards |