**Joel Wandji**

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**Objective**

* Devops and Cloud Engineer with Top Secret Clearance, and 3 years of technical experience in building CI/CD pipelines, Linux and AWS infrastructure design, seeking a challenging and technical opportunity.

**CLEARANCE**

* Current Top Secret SCI, investigation date Sept 2021

**Summary of Qualifications**

**TECHNICAL COMPETENCIES:**

**CI/CD Pipeline Tools**

**\*Git repository management** Bitbucket

\***Version control system**: Git, GitHub.

\***CI Tools:** Jenkins.

\***Build tool:** Maven.

\***Configuration Management Tools**: Ansible.

\***Containerization:** Docker, docker-compose.

\***Orchestration:** Kubernetes.

\***Kubernetes package management** Helm

\***GitOps deployment tools** ArgoCD

\* **Ticketing tools:** Jira

\* **Monitoring**  Datadog

\* **Continuous inspection of code quality** SonarQube.

\***Documentation**  Confluence

**\*Database :** MySQL, Postgres

**\* Artifactory** Nexus

**\*Languages:**  BashShell scripting, Groovy. Yaml

**\*SDLC:** Agile

**Infrastructure as Code :** Terraform, Jenkinsfile.

**Cloud Technologies :** AWS, AZURE

**Operating Systems:**

\*RHEL, CentOS, Amazon AMI Linux, Alpine

\*Ubuntu, Debian, Debian, Kali Linux

* Proficient with various development, build, testing management and deployment tools.
* Strong experience in CI/CD pipelines.
* Strong experience in Kubernetes
* Ability to be productive while delivering high quality work.
* Ability to effectively communicate with peers and stakeholders.
* Curious about how systems work and how they fail.
* Eager to learn new technologies and solutions.
* Good analytical, presentation & communication skills and able to adapt new technologies and project environments.
* Experienced in creating, configuring, and maintaining Infrastructure on AWS Cloud services
* Hands-on experience with microservices and distributed application architecture, such as containers, Kubernetes
* Experienced in multi platforms like CentOS, Amazon AMI Linux, Alpine, Ubuntu, RHEL supporting production, test, and development environments.
* Experience in Installation and configuration of most of CI/CD pipeline tools.
* Strong work ethic with good Interpersonal and Organizational skills.
* Ability to work under minimal supervision and guidance.

**Education, Honors and Activities**

***Master in Electrical Engineering and computer science,*** *Prairie View A&M*University, GPA: 3.80

**Work History**

***Devops and Cloud US AIRFORCE, Eglin FL*** Sept 2020 - Present

* Develop and automate standard operating procedures around common failure scenarios.
* Automating, building, and deploying artifacts from one environment to another environment.
* Write and test bash shell scripts to automate redundant tasks in production environment.
* Work closely with customers to capture and implement their requirements and needs.
* Install, configure, manage, trace complex builds problems, release issues and trouble shooting skills.
* Documenting and automating the build and release process
* Build Helm charts to facilitate Kubernetes deployment.
* Write an ansible playbook that deploy Kubernetes cluster taking into consideration the OS type and deploy couple of applications at the same time using helm charts
* Manage and maintain all Kubernetes accesses and roles.
* Experience in managing Ansible Playbooks with Ansible roles and created inventory in Ansible for automating the continuous deployment.
* Investigate issue in production or development areas and propose a corrective action.
* Play a significant role in establishing operational processes for a fast-growing distributed cloud platform.
* Move on-premises workloads to AWS.
* Installed, Configured and Administered Jenkins, ansible, git, Kubernetes, and docker.
* Creating and managing users and groups, installation of packages and services on RedHat Enterprise Linux.
* Involved in AWS architectural design to provision the AWS resources.
* Work with development to build automation for managing lifecycle of cloud services.
* Worked closely with other development and operations team to understand complex product requirements and translated them into automated solutions.
* Created the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system.
* Automate from scratch multiple application using ArgoCD.
* Build entire pipeline using containers.

***Devops and Cloud*** *Engineer****, Northrop Grumman, Melbourne FL*** Feb -2018- April 2020

* Setup containerized pipeline using pod in Kubernetes.
* Troubleshoot port misbehavior in Kubernetes.
* Manage 11 clusters at a time in Kubernetes.
* Setup robust automation testing environment using SonarQube and Jenkins.
* Designed suggestions to automate the deployment plan generation and release requests.
* Designed and implemented Continuous Integration and Continuous Deployment frameworks from code to deploy using Jenkins.
* Setting up the Ansible control machine and configured the remote host inventories via SSH.
* Write ansible playbooks, Dockerfiles, Kubernetes manifest, and docker-compose files for production use.
* Working on Docker engine to create and use containers.
* Install Rancher to monitor Kubernetes clusters.
* Automate Jenkins to send all build failure to Devops Slack channel

***Devops Engineer, Ek Tech Software Solution, Houston TX*** *May* 2017 – Jan 2018

* Build multiple pipelines to automate process from pull request to deployment.
* Troubleshoot multiple application on Kubernetes.
* Write multiple ansible playbook to automate task.
* Monitored the servers and Linux scripts regularly and performed troubleshooting steps – Tested and installed the latest software on server for end-users.
* Attended calls related to customer queries and complaints, offered solutions.
* Write shell scripts to automate tasks.