11 years of IT experience including 7 years in the Cloud/DevOps Engineering, (automating AWS infrastructures, designing, building, maintaining CI/CD pipelines, and supporting DevOps processes).

**Professional Summary**

* **AWS Solution Architect Certified (Associate**), with a good experience to set up and manage some **AWS** **Cloud** services such **VPC, EC2** and **IAM Roles**, as well as **Virtualization**
* Good experience in the usage of **Cloudformation** **Yaml files** and **Terraform Modules** to provisionthe **infrastructure** **AWS Cloud.**
* **DevOps, Build & Release**, **Configuration Management, Cloud Infrastructure, Monitoring, and Automation**.
* Experience in configuring and managing **Amazon Web Services** **(AWS)**’ **Public/Private cloud infrastructure** by utilizing **Auto-Scaling** in launching **EC2 Instances, Elastic Load Balancer, S3 Buckets**, **CloudWatch, Route 53, Cloud Formation**.
* Experience in building, automating, and managing **CI/CD** **Pipelines** and **DevSecOp CI/CD** **Pipelines**.
* Performed integration of Code Quality Analysis techniques: check style, detect bugs and code smell with **SonarQube**.
* Experience in integrating **Jenkins** with **Artifact** tools like **Nexus** and **SonarQube** as well as building technologies like **Maven**. This entails integrating **CI/CD automation** with **Jenkins Pipelines** and programmatically architecting **Jenkins** clusters.
* Experience with server automation and configuration management tools like **Ansible,** by using **Ansible Playbooks** with **Ansible Roles**, group variables and host inventory files.
* Excellent work experience on **Jenkin**s by installing, configuring and maintaining for **Continuous Integration** (**CI**) and **Continuous Deployment** (**CD**).
* Good experience in installing, configuring, deploying **Microservices Applications**, and managing **Kubernetes Clusters.**
* Proficient in writing **Kubernetes YAML** **Files** and **Helm** **Charts** to deploy **Microservices** into **Kubernetes** **Clusters**, and use it to orchestrate that deployment, scale, and manage **Docker Containers**.
* Experience in configuring **Kubernetes** by using **EKS** and **Kops.**
* Experience in containerization tool such **Docker**, Installing it**,** setting up the **Docker Daemon**, building **Docker Images** from **Docker file** and manage multiple images by storing them in **Docker hub/Registry** in form of **Containers** for **Deployment**.
* Hands on **Monitoring Tools** such **Prometheus** and **Grafana** in order to track all the metricsand see the evolution of the application**.**
* Good functional knowledge of **Linux Flavors** such **Ubuntu**, **CentOS**, and **Debian.**
* Installing, configuring, monitoring and troubleshooting Linux servers.
* Experience in managing users and groups, and performing daily check in order to verify the integrity and availability of hardware and server resources.
* Experience working with ticketing tool such as **JIRA.**
* Can support 24x7 production computing environments, on-call, and weekend support.
* Well organized, detail oriented, prioritizing the work, and work well under pressure.
* Excellent communication, with teaching experience, analytical and leadership skills with ability to work independently and in team environment.
* Very comfortable with remote and onsite work.
* **Bilingual** with English and French fluently spoken, written and read.

**Technical Skills**

|  |  |
| --- | --- |
| **Cloud Environment** | Amazon Web Service (AWS) |
| **Linux Operating Systems** | CENTOS, Ubuntu/Debían. |
| **Web Servers** | Tomcat, APACHE |
| **CI Tools** | Jenkins, Nexus |
| **Automation & Configuration Tools** | Ansible, Jenkins, Docker, Terraform, AWS Cloud Formation, AWS, AWS Code Commit. |
| **Orchestration Tool** | Kubernetes |
| **Containerization** | Docker, Kubernetes, |
| **Virtualization Technologies** | Virtual box, |
| **Scripting** | Bash Shell scripting, Python (beginner) |
| **Version Control Tools** | GIT, GitHub. |
| **Monitoring Tools** | Prometheus, Grafana, Datadog. |
| **Build Tools** | Maven, |
| **Bug Tracking Tools** | JIRA |

**Certification**:

**-- AWS Certified Solutions Architect – Associate**

-- Certificate Diploma and **AWS Cloud DevOps Engineering**.

-- Attended different webinars, seminars and workshops on AWS Cloud, DevOps Engineering, and Linux System administration areas

**Education:**

--Bachelor of Art at University of LOME (TOGO), Nov 2011.

**Employment Experience**

Employer GuruSchools LLC- New Jersey, USA Mar 2017 - present

Working with GuruSchools LLC which is one of the leading IT consulting and outsourcing partner with 100+ fortunate 500 companies and mid-size firms across industries for the past two decades, like Banking, Healthcare, Aviation, Insurance, Transportation, Finance services, Education, Oil and Gas, Pharmaceuticals, Entertainments, Retails, Digital Marketing, Manufacturing etc.

**Project Experience**

**Client: Department Of Aviation (Philadelphia PA).** Jan 2021- present

**Role: DevOps Engineer**

Project description: Engineering Airport Integrated System applications into microservices applications based of legacy APMS application**.**

Responsibility:

* Using agile methodology throughout the project. Involving in biweekly basis release management.
* Setting up independent **CI/CD Pipelines** in each environment and each **Microservice** and troubleshooting them.
* Setting up full **CI/CD Pipelines** so that each commit a developer makes, will go through standard process of **Software Lifecycle** and gets tested well enough before it can make it to the production.
* Supporting individual teams to setting up their repositories in **GitHub** and cooperating with the developer in the Dev environment.
* Building **CI/CD Pipeline** with **Azure DevOps for Kubernetes Container** environment, by using **Kubernetes** and **Docker** as the runtime environment for the **CI/CD** system to **build**, **test**, and **deploy** on dev and **Production Environments.**
* Monitoring each service deployment, and validating the services across all environments
* Creating, managing and deleting users and groups as per the request using Amazon identity and Access Management
* Building and maintaining a good deployment into production systems on **Microsoft Azure.**
* Creating and managing **Version Control Systems** such as **Git,** worked on **GitHub** management and merged it to facilitate collaboration between development teams and configured webhooks for push events on **GitHub** to trigger a build automatically on **Azure DevOps.**
* Using **Terraform templates** to automate the **Azure IaaS Virtual Machines** using **Terraform Modules** to deploy virtual machine scale sets in the production environment.
* Automating the **build** and **deployment** using **Jenkins** to reduce human error and speed up production processes.
* Automating various Infrastructure activities like **Continuous Deployment** by using **Ansible Playbooks** and had integrated **Ansible with Jenkins on AZURE**.
* Performing other duties as assigned by the manager.

**Technologies used**: Azure, Visual Studio Code, Github, Jenkins, Terraform, and Kubernetes.

**Client**: **Department of Community Affairs** Trenton, NJ

**Role: Cloud DevSecOps Engineer**. Jan 2019- Nov 2020

Project scope: The New Jersey Departments of Community affairs has Utility assistance programs for its community. I worked as DevOps Engineer, built and troubleshoot the DevSecOps CI/CD pipeline, implemented, and maintained the security protocols, strategies, and measures to safeguard cloud-based infrastructures and data.

Responsibilities:

* **Built,** manage the **DevSecOps CI/CD Pipelines** in each environment and **troubleshooted** them.
* **Set up** the full **DevSecOps CI/CD Pipelines** in manner that each commit a developer makes, will go through standard process of **Software Lifecycle**, and got tested well enough for bugs and security reasons before it can make it to the production.
* **Set up** **Continuous Integration** with **Jenkins** and make usage of wide range of plugins available to setup smooth developer friendly workflows.
* Ensured the security of **DevSecOps Environment** by implementing best practices and standards.
* Integrated the **Open Worldwide Application Security Project** (**OWASP**) in the **CI/CD Pipeline**, which will check any vulnerability in the dependencies for the security of the application.
* Integrated **Trivy** **Scan** which helps scan built images like Docker Files or Docker Images for **security** purposes.
* Configured the user's accounts for **Continuous Integration - Jenkins**, and **Sonar**.
* Built managed and administrated Docker images and containers, and prepare them to be deploy on **Kubertnetes Cluster.**
* Strong work with **Docker**, pulling **images** from **Docker Hub**, **running containers** based on an image, creating Docker files to manage customized **containers**, exposing a container with **port** redirect, **container volume** management, **Docker Inspect**, and **pushing new images to Docker Hub**
* Created and deployed **Kubernetes Pods** definitions, tags, labels, multi-pod container replication, and managed multiple **Kubernetes pod containers** scaling, and auto-scaling.
* Administration of **AWS resources;** including provisioning, monitoring and maintenance.
* Created **AWS CloudFormation Templates;** to create custom-sized **VPC**, **EC2 instances**, **Auto Scaling**, **ELB**, and security groups
* Configured **AWS IAM** and **Security Group** in **Public and Private Subnets** in **VPC** and worked as Admin for **AWS** in managing the usage the **AWS access**.
* Responsible for monitoring solutions to track the health and performance of the server performances using tools like **Prometheus** and **Grafana.**

**Technologies used**: AWS Cloud, Github, Jenkins, OWASP, Trivy Scan, SonarQube, Docker, Kubernetes, Prometheus and Grafana,

**Client: Chubb Insurance**. Philadelphia, PA

**Role: Cloud DevOps Engineer**. Mar 2017- Dec 2018

Project scope**:** Implementation of CI/CD Pipeline for Cloud-Based Application. I automated the deployment process, improved code quality, and reduced time of accessibility.

Responsibilities

* Established and managed a **Git** repository with a branching strategy suitable for multiple development teams (e.g., feature branching).
* Configured **Jenkins to automate** the build and test process. Every code commit triggers a build and runs a series of automated tests before the deployment.
* Integrated the **Open Worldwide Application Security Project** (**OWASP**) in the **CI/CD Pipeline**, which will check any vulnerability in the dependencies and protect the application from cyber-attacks.
* Created **Docker Containers and Images** for both the frontend and backend components, ensuring consistency across environments.
* Automated the deployment process with **Jenkins**. Once the code passes all tests in the staging environment, it's automatically deployed to production.
* Used **Ansible** to automate the configuration of servers, ensuring they match the predefined requirements for the application.
* Deployed **Docker containers in Kubernetes Clusters** to manage and scale the application efficiently.
* Used **Terraform Modules** **to automate** the provision of the **EC2 machines** on the **AWS Cloud**.
* Create **AWS CloudFormation** **Templates** to create custom-sized **VPC**, **EC2** instances, Auto Scaling, ELB, and security groups.
* Created comprehensive **Grafana** dashboards using **Prometheus** metrics to visualize and identify the real-time system health, the performance bottlenecks and the areas for optimization.

**Technologies used**: AWS, Github, Jenkins, OWASP, Docker, Ansible, Kubernetes, Terraform, Prometheus, Grafana.

**EMPLOYER: ECOBANK** TOGO-AFRICA

**Role: Linux System Administrator** Sep 2013- Oct 2014

**Responsibilies:**

* Performed Installations and configurations, **Windows and Linux servers (CentOS, Ubuntu**).
* Performed periodic troubleshooting on **Windows and Linux servers (CentOS, Ubuntu**).
* Supported **Linux** based including other operating systems.
* Solved end-user computer system problems and improving performance on the **Linux** and other operating systems.
* Configured access for users and **SUDO access** for authorized users.
* Manage packages (Installations, Updates & Uninstallations), and configure files permissions.
* Create bash shell scripts to automate usual tasks and check the system’s health.
* Resolved routine helpdesk calls along with other technicians while delivering a good customer service experience.
* Supported management of remote client access.
* Password Control Management to include issuing, maintaining and deleting end-user device account and passwords.
* Determined the best solution based on the issue and details provided by users
* Monitor performance and maintain the systems according to the company standards.
* Work on an **on-call schedule** rotation and other duties as assigned.

**EMPLOYER: FUCEC TOGO** TOGO- AFRICA

**Role: Window & Linux System Administration.** Jul 2012- Sep 2013

**Responsibilities.**

* Experienced and understanding of Information Technology practices and procedures.
* Administrated level access to windows systems (Active directory; Office 365; Windows 10; **Windows Server**; **Linux Server**).
* Managed packages (Installations, Updates & Uninstallations), and **configured and managed file permissions**
* Ability to provide Technical Support and Troubleshooting for computer systems and infrastructure.
* Support management of remote client access.
* Review of new loan applications from customers and push it to the management level.
* Work on an **on-call schedule** rotation and other duties as assigned.
* Perform **basic installation and configuration** of firmware of Internet of Things devices (printers, scanners).