

## THE PERSON:



**Josias Ndam Mefire**  
**Delivery Consultant / AppSec**

Dedicated and results-driven DevOps Engineer with 5 years of experience in designing, implementing, and optimizing CI/CD pipelines, infrastructure automation, and cloud deployments. Proven ability to collaborate effectively with cross-functional teams to deliver high-quality software solutions and maintain robust, secure, and scalable infrastructure environments across various cloud service providers.

## ACADEMIC CREDENTIALS:

**Centennial College**

**OACD in Software Engineering Technology  
and AI (In Progress)**

## CERTIFICATION:

**GitHub:** GitHub Action, GitHub Advanced Security

**Wiz** Wiz Certified Cloud Fundamental, Wiz Code, Wiz Defend

## EXPERIENCE

***Delivery Consultant / AppSec - Arctiq (March 2024 - Present)***

- Assess, recommend, and implement DevOps technology solutions in alignment with client business requirements
- Integrating security seamlessly into SDLC CI/CD pipelines for automated checks and validations
- Writing deployment pipelines and testing frameworks using a variety of technologies
- Coordinating and provisioning infrastructure on all major cloud platforms using infrastructure-as-code tools (Terraform).
- Designing a cloud architecture to handle the specific requirements of a diverse set of clients.
- Maintain and troubleshoot custom scripts (i.e. Jenkins files) to enhance pipeline efficiency

**EXPERIENCE (*continued*)*****DevOps Engineer - Novipro. (Nov 2021 – February 2024)***

- Created, configured, and managed Git repositories, branches, and access control settings in our environment.
- Collaborated with development teams to design and optimize Git workflows and CI/CD pipeline integration.
- Effectively Integrated Git with other development and collaboration tools (JIRA, Jenkins, and Slack) to enhance the development lifecycle.
- Automated infrastructure management by designing, developing, and maintaining Terraform scripts/modules to automate the provisioning and management of AWS cloud resources resulting in a 30% reduction in provisioning time
- Successfully automated infrastructure provisioning and management for AWS resources, achieving a significant cost savings of 25% through efficient utilization and scaling of EC2 instances, EBS volumes, EKS autoscaler and IAM roles.
- Designing, deploying, configuring, and maintaining Kubernetes clusters (Minikube, Kubeadm, kops, EKS) in AWS cloud service and on-premises environments.
- Implemented and optimized container orchestration with Kubernetes, ensuring high availability, scalability, and reliability of containerized workloads

***Cloud Engineer - CompuVision (June 2019 – Sept. 2021)***

- Designed and implemented scalable and reliable cloud architectures using our cloud provider of choice AWS
- Implemented Infrastructure as Code principles using Terraform to automate infrastructure deployment and configuration
- Implemented automation scripts using Ansible to streamline routine operational tasks
- Developed and maintained auto-scaling mechanisms, ensuring optimal resource utilization during peak usage periods.
- Established, managed the creation, release, logging, monitoring, metrics, and configuration of production systems.
- Managed backup and disaster recovery system (EC2 Lifecycle Manager, S3 Lifecycle policies)

Date	Client	Description
Dec '23	Financial Institution	<ul style="list-style-type: none"><li>● Created Terraform modules for AWS resources that can be re-used in other projects</li><li>● Drafted Github Actions workflow to automate infrastructure compliance scanning and deployment in all the environments</li><li>● Configured semantic release to automate modules versioning and creation of releases</li></ul>
April '23	Financial Institution	<ul style="list-style-type: none"><li>● Deployed EKS cluster from scratch and created a module containing cluster components and IAM configuration</li><li>● Created and integrate OIDC provider with Amazon EKS to enable OIDC-based authentication both for the cluster and the micro-service application running in the cluster</li></ul>
Nov '22	Financial Institution	<ul style="list-style-type: none"><li>● Maintained Jenkins pipeline to include a SAST tool (sonarqube) and Trivy to perform vulnerability scanning on container images</li><li>● Develop Ansible playbooks that define the tasks and configurations (package installation, file copying, service management, etc) to be applied to your target hosts.</li><li>● Added Jenkins pipeline steps to capture output or exit codes from Ansible tasks and take appropriate actions based on the results.</li></ul>
June '22	E-commerce startup	<ul style="list-style-type: none"><li>● Install, set up configure Rancher server and configure initial settings (credentials and SSL certificate)</li><li>● Deploy the Dockerized e-commerce application to the new Rancher-managed Kubernetes cluster, and used intuitive web interface to manage and scale each application component</li><li>● Integrated Rancher with Prometheus and Grafana to collect metrics and create custom dashboards.</li></ul>