**CHIDINMA NWAFOR**

**DEVOPS / SRE ENGINEER email: chidinwafor365@gmail.com**

**Professional Summary:**

* Cybersecurity Expertise: Over 10 years of proven success in cybersecurity, specializing in designing and implementing robust security architectures.
* Vulnerability Assessments: Conducted comprehensive vulnerability assessments to identify and address potential security risks, ensuring a resilient and secure infrastructure.
* Incident Response Strategies: Developed and implemented effective incident response strategies, minimizing the impact of security incidents and ensuring swift resolution.
* Cutting-Edge Technologies: Proficient in utilizing cutting-edge security tools and technologies to safeguard organizational assets, stay ahead of emerging threats, and maintain a strong security posture.
* Policy Management: Skilled in managing and enforcing security policies to establish a secure foundation for organizational operations.
* Security Awareness Training: Conducted security awareness training sessions to educate staff and stakeholders on cybersecurity best practices, fostering a culture of security consciousness.
* Cross-Functional Collaboration: Collaborated seamlessly with cross-functional teams to integrate security measures into all aspects of IT operations, ensuring a holistic and comprehensive approach to cybersecurity.
* Threat Intelligence Analysis: Demonstrated expertise in threat intelligence analysis, enabling proactive identification of potential threats and vulnerabilities.
* Risk Mitigation: Proactively mitigated security risks through strategic planning and implementation of preventive measures.
* Leadership Skills: Strong leadership skills with the ability to guide teams toward achieving and maintaining a high level of cybersecurity resilience.
* Continuous Improvement: Committed to staying abreast of industry trends and advancements, constantly seeking opportunities for improvement and optimization in cybersecurity practices.
* Team Collaboration: Seeking a role where technical acumen and leadership skills can contribute to an innovative team dedicated to advancing cybersecurity capabilities.

**Technical Skills:**

Platforms: AWS, Azure

Tools: Ansible Tower, Terraform, Jenkins, Datadog, Slack, Splunk, GitHub, Bitbucket

Systems: Ubuntu Linux, Windows

Networking: TCP/IP Suite, OSI Model, DNS, DHCP, CDN, ARP, FTP, Router, Switch

Containers: Docker, Kubernetes

Databases: SQL Server, MySQL, Postgres, DynamoDB

Web Servers: Apache 2.x/1.3.x, Tomcat, Nginx

Other Tools: Git Bash, Mobaxterm, VS Code, Python/Bash

**Education:**

Master of Science (MSC) in Environmental Toxicology and Pollution Management,University of Lagos

Bachelor of Science (BSC) in Animal and Environmental Biology Abia State University

**Certifications:**

CompTIA Security

Credential URL:(<https://www.credly.com/badges/55542a08-f948-4fb2-9a20-6ef2bbffd4ff/linked_in_profile)-> June 2023

HashiCorp Certified: Terraform Associate (002)

Credential URL: <https://www.credly.com/badges/cff54c6a-f180-452d-9075-a3427c1914bc/linked_in_profile>) - February 2023

AWS Certified Solutions Architect – Associate

Credential URL: <https://www.credly.com/badges/0b042616-e605-4a25-92b7-fe6bb6afe59f/public_url>) - Nov 2023

**Professional Experience**

**Planview, Inc. - DevOps Engineer/SRE February 2022 — Present**

Infrastructure Provisioning:

* Implemented Infrastructure as Code (IaC) using Terraform for various environments in **AWS**, including **EKS, IAM, ECS, VPC, EC2,** and **S3** bucket.
* Defined **VPCs, EC2** clusters, Auto-Scaling, and Security Policies/Groups in **AWS** through **Terraform**.
* Architecture Migration: Proposed and executed the migration from monolithic architecture to microservices.
* Continuous Monitoring: Configured continuous monitoring using **Datadog** and **Splunk**.
* Scripting and Automation: Utilized scripting languages such as **Python** and **Bash** for automation tasks.
* Adapted and optimized Ansible playbooks and automation scripts to align with evolving project requirements.
* **Kubernetes** and **Docker**: Set up **Kubernetes** clusters, worked with pods, ReplicaSets, Deployments, and Services.
* Configured **Docker** containers using Docker Images and created **Docker** images using Docker files.
* Ticketing and Tracking: Utilized **JIRA** as a ticketing tool to track vulnerabilities and requests.
* **CI/CD** and Build Automation: Configured **Maven** Build tool for creating artifacts like war, jar files, automated through **Jenkins CI** and Rundeck processes.
* Version Control: Demonstrated expertise in version control with **GIT** and **GitHub**, including repository management, change tracking, performance monitoring, and source code security practices.
* API and Database Development: Designed and developed APIs and database models using Swagger to construct responsive web applications.
* Microservices Observability: Integrated Istio with tools like Prometheus and Grafana to provide detailed observability into the microservices environment.

**Keyword**s: AWS, Azure, Jenkins, Maven, Docker, Artifactory, Slack, DevOps best practices, Splunk, log management, tracing, AWS Config, Datadog, monitoring suite, scalability, agility, Kubernetes,Helm charts, pods, services, Linux, Python, Bash, automated build, HashiCorp Vault, troubleshooting, debugging.

**Kay Express Logistics - DevOps Engineer/SRE (January 2021 — February 2022)**

* Implemented and optimized **CI/CD** pipelines in **AWS** and **Azure**, using **Jenkins,** **Maven**, **Docker**, Artifactory, and Slack, adhering to **DevOps** best practices.
* Leveraged **Splunk** for log management and tracing across the infrastructure, enhancing system health, and utilizing **AWS** Config to monitor configuration changes.
* Utilized **Datadog** as part of a comprehensive monitoring suite, providing real-time performance insights and facilitating rapid issue troubleshooting.
* Established Jenkins master, configured plugins, and scaled infrastructure by adding agents, enhancing scalability and agility.
* Automated application deployment to **Kubernetes** using Helm charts, configuring pods and services to streamline the deployment process.
* Provided operational support for production environment nodes, utilizing **Linux** and scripting languages such as **Python** and **Bash**.
* Monitored automated build and continuous software integration processes, ensuring timely resolution of **build/release** failures.
* Integrated **HashiCorp** Vault with various tools, services, and platforms including cloud providers, databases, **CI/CD** pipelines, and application frameworks.
* Demonstrated proficiency in troubleshooting and debugging complex software and system issues, contributing to a robust and reliable infrastructure.

**Keywords**: CI/CD pipelines, AWS, Azure, Jenkins, Maven, Docker, Artifactory, Slack, DevOps best practices, Splunk, log management, tracing, AWS Config, Datadog, monitoring suite, scalability, agility, Kubernetes, Helm charts, pods, services, Linux, Python, Bash, automated build, HashiCorp Vault, troubleshooting, debugging.

**Kay Express Logistics**

**DevOps Engineer October 2018 — December 2020**

* Utilized **AWS** services (**EC2, ELB, S3, Lambda, VPC, RDS, CloudWatch**) for cloud environment architecture and management.
* Contributed to successful migration of on-premises systems to **AWS** landscapes, ensuring seamless transition and optimal performance.
* Continuous Integration and Delivery: Orchestrated end-to-end Continuous Integration (CI) and Continuous Delivery (CD) processes using **Jenkins** and **Groovy** scripting, automating routine tasks and deployments.
* Set up **CI/CD** pipelines with **Jenkins**, **Maven**, **GitHub**, **Docker**, and **Jfrog** for efficient and reliable software delivery.
* Configuration Management and Testing: Conducted thorough testing and configuration management to guarantee reliability of deployments, adhering to industry best practices.
* Administered **GIT** version control, performing activities like branching, tagging, backup, and restore for streamlined development processes.
* Troubleshooting and Incident Response: Proactively identified and resolved deployment issues, conducting root cause analysis with a focus on security and reliability.
* Provided technical support during incident response, actively implementing security patches and updates to mitigate potential risks.
* Infrastructure as Code (IAC): Developed and maintained Infrastructure as Code (IAC) scripts and templates, utilizing tools like Terraform and Ansible for cloud resource provisioning.
* Prioritized security configurations in IAC scripts to enhance overall security posture of the infrastructure.

**Keywords**: AWS services, migration, Continuous Integration, Continuous Delivery, Jenkins, Groovy scripting, CI/CD pipelines, GIT version control, security, reliability, Infrastructure as Code (IAC), Terraform, and Ansible.

**Database Analyst | ZOOM Mobile September 2017 — September2018**

* Administered and designed **SQL Server** databases, ensuring optimal performance and data integrity.
* Developed and implemented Extract, Transform, Load (**ETL**) tools for seamless data integration, enhancing overall data processing efficiency.
* Collaborated with clients, application teams, and project managers to design, implement, and support customized solutions to meet client needs.
* Enforced data privacy regulations, including **GDPR** and **HIPAA,** by implementing and maintaining appropriate policies and procedures.
* Conducted Windows and **SQL** patching of servers, ensuring the installation of the latest Service packs for enhanced security and performance.
* Developed **SQL** queries, utilized reporting tools, and built data visualization solutions to present complex data in a meaningful and actionable format.
* Demonstrated proficiency in tools such as **SQL Server,** **ETL tools**, Windows Server administration, **GDPR**, **HIPAA**, and reporting tools.

Keywords: SQL Server, ETL tools, GDPR, HIPAA

**Assistant Project Coordinator | Lagos State Ministry December 2013 — August 2017**

* Identified and implemented opportunities to streamline project processes, optimizing project and delivery efficiency.
* Monitored daily project progress using [mention specific project management tools], ensuring adherence to timelines and quality standards.
* Provided detailed updates to project managers and stakeholders, utilizing effective communication channels.
* Organized and maintained reports on invoices, contracts, and financial files, ensuring accessibility and compliance with [industry-specific compliance standards].
* Ensured team members had necessary supplies and resources, optimizing task completion within assigned timelines and budget limits.
* Planned and organized project logistics, including meetings, to facilitate smooth execution of tasks and project milestones.
* Performed billing and bookkeeping tasks, demonstrating proficiency in financial management within project contexts.
* Utilized project management tools, such as [mention specific tools], for efficient tracking and coordination.
* Applied technological solutions to enhance project communication, collaboration, and organization.