**TOYOSI KUTEYI**

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**9+ years** of professional **IT experience** in building and deployment of web applications.

 **5+ years** in practicing **DevOps**, **Cloud Automation** & **Quality Engineering.**

**PROFESSIONAL EXPERIENCE**

SEPTEMBER 2022 - CURRENT

**DevOps Engineer**

**SUPPLE Technologies - Irving, TX**

* Extensive experience in setting up **CI/CD pipelines** using tools such as **Jenkins and plugins (Maven, Docker, Nexus, Artifactory, Slack) and Azure pipelines.**
* Extensive experience in distributed **Agile and Scrum** methodologies to develop best practices for software development and implementation.
* Strong experience in migrating applications to both **AWS** and **Azure** cloud platforms.
* Strong experience in working with version control systems such as **Git, GitHub, Bitbucket, Azure Git**
* Experience working with developing scripts and automation tools used for **building, integrating, and deploying software releases to multiple environments**.
* Strong hands on experience in scripting languages such as **Groovy, JSON, YAML, Ruby, Shell scripting**.
* Strong experience in code quality and code coverage tools such as **SonarQube,** **Snyk,** **JaCoCo** and **JUnit.**
* Good knowledge of virtualization and container technology like Docker.
* Experience in creating **Dockerfiles** and working with **Docker containers**.
* Have good knowledge in **Kubernetes** and have setup clusters in Amazon EKS, AKS and with Kops and Kubeadm.
* Experience in automating the deployment of docker container images to k8 clusters with **Helm.**
* Extensive experience in implement infrastructure as code (IaC) practices to ensure idempotence, consistency and reliability in deployments.
* Strong exposure to configuration management tools such as **Terraform, Ansible** and **Puppet.**
* Strong knowledge on practicing **TDD**, automating Junit tests using **Maven** in **Jenkins**.
* Experience in using python and shell script to automate tasks, provision, optimize and manage cloud infrastructure, and to enhance security.
* Experience in integrating, implementing, and managing security measures throughout the development and deployment processes.
* Experience in troubleshooting, offering development and production support, and optimizing Java and .Net based applications.
* Strong knowledge of Tomcat, WebLogic servers on different Operating Systems like Windows, Linux VMware, UNIX and Solaris platforms.
* Experience in managing and optimizing relational and NoSQL databases for performance, scalability, and reliability.
* Experience in collaborating with database administrators to ensure efficient data storage, availability, fault tolerance, security and retrieval.
* Experience in collaborating with cross-functional teams to design, implement, and maintain robust and scalable infrastructure solutions.
* Experience in troubleshooting incidence and making comprehensive **RCA** documentation.
* Experience in optimizing and building resilient, reliable, secured, and scalable cloud infrastructure.
* Knowledge in managing system dependencies, including security, versioning, and compatibility.
* Participated in the release cycle of the product which involved environments like **Development, QA, UAT** and **Production**.
* Worked with project documentation and documented other application related issues, bugs on internal wiki website.
* A highly motivated, energetic individual, a team player with excellent communication and inter-personal skills.
* Collaborating with developers, QA engineers, and IT operations staff to improve communication and enhance the agility of software development cycle and the quality and promptness of softwares delivery to end users.
* Built CI pipelines and CD pipelines for **ASP.Net applications**, and deployed ASP.Net applications in Azure Apps services.
* Built CI pipelines and CD pipelines for Java applications, and deployed **Java** applications in **Azure Apps services**.
* Using the **trunk-based branching strategy model**, successfully created pipelines for continuous integration (CI) and continuous delivery (CD) with Azure devOps.
* Set up and Implemented **SonarQube** and **Snyk** for continuous and automated inspection of code quality, code vulnerability, code analysis for detecting bugs and smells in codes and integrated security into cloud automation **(DevSecOps).**
* Configuring quality gates in **SonarQube to** manage **technical debt.**
* Setting up **build validation** for best practice to ensure that only clean codes get pushed to **production**.

January 2022 - August 2022

**DevOps Engineer**

**Deloitte *-* Dallas, Tx**

* Responsible for managing Azure resources in cloud and maintain Continuous Integration and Continuous Deployment **(CI/CD)** pipeline for fast paced robust application development environment.
* Experience in designing and delivering scalable PaaS container (Kubernetes based) platforms for stateless and stateful workloads.
* Experience in designing, implementing, and managing the tools used to develop, deploy, monitor, and support a cloud infrastructure using **Azure DevOps, PowerShell, ARM templates**,
**App Services, Functions, Azure CLI, SQL, and Key Vault.**
* Experience in configuring Networking, DNS, VPC, Database.
* Experience with Windows Server, Unix/Linux operating systems, especially Ubuntu, MongoDB, and Tomcat.
* Partner with Risk, Information Security, and compliance teams to bring visibility and implement right controls and policies in the Cloud Platform
* Develop, enhance, test, perform day2 maintenance of Container Platform and provide escalation support to Operations and SRE.
* Experience in designing and implementing Continuous Integration/Continuous Deployment (CI/CD) workflow with GitHub Actions and Azure DevOps.
* Experience in designing, optimizing, delivering scalable cloud infrastructure with docker and orchestrating it with Kubernetes.
* Partnering with Risk, Information Security, and compliance teams to bring visibility and implement right controls and policies in the Cloud Platform
* Develop, enhance, test, perform day2 maintenance of Container Platform and provide escalation support to Operations and SRE.
* Setup repos on **Azure Git,** merging code from develop branch to master branch and make it ready for deployment.
* Migrated legacy applications to Microsoft **Azure** Cloud PaaS by setting up CI/CD pipelines on **Azure DevOps**
* Created **Web Apps (PaaS solutions)** on Azure portal for deploying web applications using **Azure DevOps pipelines**.
* Setup AKS clusters in Azure using Azure CLI.
* Created nightly builds with integration to code quality tools such as **SonarQube**, Veracode.
* Helped teams to reduce defects rate by 30% by introducing **TDD** in first 3 months.
* Created quality gates in **SonarQube** dashboard and enforced in the pipelines to fail the builds when conditions were not met.
* Set up the SonarLint plug-ins in developer’s workstation for detecting defects early during development.
* Built and deployed Docker containers to break up monolithic app into micro services, improving developer workflow, increasing scalability, and optimizing speed.
* Implemented Release management workflow for QA, UAT and Prod environments.
* Prepared and presented SCM best practices for implementing continuous integration for the team.
* Managed the provisioning of infrastructure and building, testing, and deployment of java application to Kubernetes clusters with **GitOps** workflows.
* Designed and developed Azure DevOps Pipeline to manage the resources across multiple subscriptions in Azure.

July 2017- December 2021

**CLOUD DEVOPS ENGINEER**

**Podroom Inc. *-* Raleigh*,* North Carolina**

* Responsible for managing AWS resources in cloud and maintain Continuous Integration and Continuous Deployment (CI/CD) pipeline for fast paced robust application development environment.
* Set up CI/CD pipelines for Microservices and integrated tools such as **Maven, Bitbucket, SonarQube, Nexus, Docker, Slack** for providing immediate feedback to DEV teams after code check-in.
* Wrote Ansible playbooks from scratch in YAML. Installing, setting up & Troubleshooting Ansible, created and automated platform environment setup.
* Set up Git repositories and SSH Keys in **GitHub** for Agile teams.
* Integrated GitHub web hooks into Jenkins to automate the code check-out process.
* Implemented the setup for master slave architecture to improve the performance of **Jenkins**.
* Created **Dockerfile** and automated docker image creation using Jenkins and Docker.
* Automated infrastructure provisioning on AWS using **Terraform** and **Ansible.**
* Created nightly builds with integration to code quality tools such as SonarQube, Veracode.
* Created quality gates in SonarQube dashboard and enforced in the pipelines to fail the builds when conditions not met.
* Rebuild of entire existing platform over to **Docker** containers.
* Setup Kubernetes clusters using Amazon EKS.
* Assisted in creating S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backup on AWS.
* Configuration and implementation of federated services.
* Automated the set-up of a java based multi-tier web infrastructures, including the automation of all the stacks and the VMs.
* Configuring secure cloud VPC using private and public networks through subnets in AWS.
* Implement and manage continuous delivery systems and methodologies on AWS.
* Optimize EBS volumes of EC2 instances by increasing its size and type for higher throughput.
* Created Docker Images using Docker file, worked on Docker container snapshots, removing images, and managing Docker volumes.
* Install, upgrade, and manage packages via RPM and YUM package management.

July 2015 - June 2017

**Java Developer**

**ILUZ Brands| Lagos, Nigeria**

* Effectively engaged with full programming improvement lifecycle: from business/frameworks investigation, through necessities gathering and practical detail composing, to advancement, testing and conveyance.
* Composed and created UI screens utilizing HTML5, CSS3, JavaScript, JSON and AJAX.
* Created custom Angular JS mandates to assemble custom reusable segments to use over the application pages.
* Utilized Spring Beans to embody business rationale and Implemented Application MVC Architecture utilizing Spring MVC.
* Planned and created Rewards API utilizing Spring Boot.
* Utilized Spring AOP for logging for crosscutting worries of the application.
* Created server-side application to associate with database utilizing Spring Boot and Hibernate.
* Utilized Spring XML setup for Dependency Injection.
* Created segments of REST web administrations end to end, utilizing distinctive Annotations.
* Created complex administration segments for Data Access Layer, DAO classes to communicate with backend utilizing Java and Hibernate Framework.
* Utilized Maven for assemble structure and Jenkins for persistent form framework.

December 2009 - June 2015

**LEGAL COUNSEL**

**ROTIMI JACOBS & CO. | LAGOS, NIGERIA**

* Negotiated, drafted, and reviewed Statement of Work (SOW), terms & conditions of contracts, sub-contracts, Non-Disclosure Agreements, licenses, retainers, consulting agreements, modifications, and amendments in line with internal policies and customer requirements.
* Advise on Alternative Dispute Resolution (ADR) and represents clients in ADR Courts.
* Draft and review commercial agreements.
* Engage in complex research and prosecute cases on financial and economic crimes, bank fraud and money laundry.
* Work closely with the Economic and Financial Crimes Commission (EFCC), a government agency in Nigeria responsible for investigating and unraveling financial fraud, bank fraud, money laundering and other economic crimes.
* Advise and conduct EDD, CDD, KYC Research & Investigations Detecting Potential Money Laundering Red Flags.

**Technology Summary**

* **Cloud platforms**: Azure, AWS
* **DevOps Technologies**: JIRA, SonarQube, Snyk, Selenium, Nexus, Artifactory, Jenkins, Slack, Azure DevOps, GitOps, Github Actions
* **Build Tools**: Maven, MS Build
* **SCM tools:** Git, GitHub, Bitbucket, GitLab, Azure Git, SVN
* **IAC Tools**: Puppet, Ansible, Terraform, CloudFormation, Ansible
* **Containers/Orchestration**: Docker, Kubernetes, EKS, AKS, Helm, Kops, Kubeadm
* **Application/Web Servers**: Tomcat, IIS, WebLogic 9.x/10.x/12c, Apache 2.x/1.3.x, JBoss 7.1
* **Operating Systems:** Ubuntu 18.0.4, Red Hat Linux, Windows, HP-UX, and Solaris 10
* **Databases:** Oracle, SQL Server, MySQL, PostgreSQL
* **Programming Languages:** Python, Groovy
* **Scripting & Other Tools:** Groovy, UNIX Shell Scripts (Ksh, Bash), Git Bash, Putty, iTerm
* **IDE:** VS Code, IntelliJ
* **Monitoring/SRE/Observability tools:** Prometheus, Grafana, Dynatrace, Datadog, Splunk, CloudWatch, Azure Health

**Certifications**

* CEH
* SCRUM

**education**

* Master of Information Science, MSc, North Carolina Central University, GPA: 4.00. Summa cum laude, May 2021
* Bachelor of Law, LL. B (Honors), Obafemi Awolowo University