KIZITO AYOGU

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EDUCATION

Federal University of Technology Owerri

B.Engr Mechanical engineering // 2003 – 2008

Graduate of Mechanical Engineering with Industrial and production Engineering Specialization.

8+ years on IT systems infrastucture design,web applications deployment and management

2+ years of hands-on experience supporting, automating, and optimizing critical deployments in AWS, using configuration management, CI/CD, and other DevOps processes

EXPERIENCE

RTS LABS

Glen Allen, VA // Devops Engineer // 12/2019 – present

- Automate deployments to AWS with puppets, YAML,Groovy scripts and Ansible playbooks
- Demonstrate expertise in enterprise network administration and troubleshooting of errors in production
- Installation, administration, configuration, and support of multi-channel e-commerce software and solutions, including base applications (Apache, Tomcat, Nginx,)
- Work with client's customers to deploy applications and resolve nagging production issues using agile and scrum methodologies
- Work with security teams to perform security review during development and deployment of applications to production environments.
- Work closely with software engineering teams to design,develop and deliver services with high uptime and reliability
- Perform code reviews and provide feedback for improvements using code coverage tools like Sonarqube,Jacoco etc.
- Developed templates or scripts to automate everyday CI/CD operations and functions
- Create, update and manage Bash scripts in production environment, including operational scripts as well as monitoring scripts
- Create, monitor and maintain fully automated CI/CD pipelines for code deployments using Azure Devops, Azure, AWS, Jenkins, Git, Github ,Ansible Playbooks, Puppet Manifests, Prometheus, Datadog, Kubernetes and Helm

SQUADEX

Palo Alto, CA // Devops Infrastructure Support // 12/2018 – 12/2019

- Manage web application deployments to cloud platforms using tools like jenkins,docker and kubenettes.
- Collaborate with other DevOps engineering teams to create and maintain frameworks running on cloud.
- Develop automation using languages like Shell scripting,Groovy,Go,Linux bash, Pupette,Ansible,Python
- Create and maintain fully automated CI/CD pipelines for code deployment,maintenece using tools such as Jenkins, Maven,Docker, Nexus,Jira, Artifactory, Slack,Tomcat,Sonarqube and AzureDevOps
- Break up monolithic applications,design and deploy micro-service architechtures on Kubernettes or docker swarm clusters using distributed Agile and Scrum methodologies
- Implement version control using my extensive experience in working with version control systems such as Git, GitHub, Bitbucket,Gitlab and Azure Repo.
- Implement TDD,BDD using code quality and code coverage tools such as SonarQube, JaCoCo and Junit to reduce defect rate up to 30% in few months of joining the team.
- Work with Devops teams to migrate on-premise architectures to cloud,removed unecessary servers,Consolidated databases and reduced cost by more than $3000 monthly.

- Install and configured Datadog agents to constantly monitor network bandwidth, memory usage, and hard drive status on Aws and Azure.
- Design, rolled out, and managed 5,000+ hosts on AWS with Ansible and Puppet infrastructure automation.

1845 oil filed services/Schlumberger

Weatherford, TX // Field Engineer // 08/2014 – 12/2018

- Manage servers and systems to collect well logs and track logistics delivery by truck drivers
- Manage Pick up of frac-sands, chemicals, frac-equipments for safe transportation to active fracking sites.
- Participates in Loss Prevention Systems LPS Tools activities
- Perform meter proving task on oil reservoirs, PD, and Turbine meters
- Provides daily instrument test results and contributes to the completion of daily sample login responsibilities
- Works together with other team members to provide monthly safety/housekeeping inspections
- Familiarization and enforcement of the use of H2S meters and respiratory equipment
- Follow all safety rules and work in a challenging fracking site and terrains to produce crude oil
- Maintain blasting equipment and PPE that go along with blasting equipment
- Performs various hand sanding operations on medium to small size castings for the purpose of cleaning and surface improvement
- support Rigging/hoisting operations
- Wears gloves and helmet, or hood, to protect against breathing sand-laden air and injury to eyes and hands

Nigerian Naval Dockyard

Lagos Nigeria // Linux Systems Engineer // 01/2008 – 01/2014

- Assess server loads and work with Technical Leads on developing tuning recommendations
- Assist in server maintenance and special projects, during extended work hours
- Assist with performance testing and tuning of complex and high-traffic web applications
- Develop relationships with and work alongside other functional IT groups such as networking, database and security
- Follow the Scrum methodology, working alongside software developers and product owners
- Install software, configure servers, implement security patches, and provide overall support of cloud computing environments
- Monitor alerting systems for system failures, addressing issues as they arise
- Perform root cause analysis on hardware, software, network and operating system issues
- Resolves system, network, and hardware problems and assists users by phone and/or in person

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DEVOPS SKILLS AND TRAINING

Cloud/Platforms: Azure,JIRA, SonarQube, Nexus, Jenkins, Slack, Azure-DevOps, AWS Cloudformation, Cloudfront, Cloudrails, Cloudwatch, Lambda,Cloudera,Databricks etc

Monitoring Tools Cloudwatch, DataDog, New Relic.

Build Tools: Ant, Maven, MS Build,Gradle

SCMs Tools: Git, GitHub, Bitbucket, GitLab, Azure Repos

IAAC Tools: Ansible, Terraform,Puppette

Containers Orchestration: Docker, Kubernetes, Prometheus,Helm.

Application Web Servers: Tomcat,Apache,JBoss,Nginx

Operating Systems: Unix, Solaris, MacOs,Ubuntu Linux, CentOs, Debian, Amazon Linux, Red Hat Linux, Windows

Database Tools: Hands on Knowledge on SQL, MySQL, PostgresSQL,Apache Hadoop, HiveQL, Karfka, SparkSQL,

Programming Languages: Scala, working knowledge of Python.

Scripting Tools: Groovy, UNIX Shell Scripts (Bash),Git Bash, Putty, iTerm