

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 infrastructure design, web applications deployment and management

3+ years on Devops CI/CD automation and cloud engineering

Experience

Devops Engineer – SQUADEX, Palo Alto, CA

01/2018 – Present

- Manage web application deployments to cloud platforms using tools like jenkins, docker and kubernetes.
- 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, Puppet, Ansible, Python
- Create and maintain fully automated CI/CD pipelines for code deployment, maintenance using tools such as Jenkins, Maven, Docker, Nexus, Jira, Artifactory, Slack, Tomcat, Sonarqube and Azure DevOps
- Break up monolithic applications, design and deploy micro-service architectures on Kubernetes 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.
- Write Puppet manifests and modules to deploy, configure, and manage servers Automated build and deployment using Jenkins to reduce human error and speed up production processes
- Work with Devops teams to migrate on-premise architectures to cloud, removed unnecessary servers, Consolidated databases and reduced cost by more than \$3000 monthly.
- Install and configured Nagios 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.

Devops Support – RTS LABS, Glen Allen, VA

08/2014 – 01/2018

- Assist in managing and coordinating all production related activities with Scrum master and a team of offshore engineer
- Automate deployments to AWS with puppets, YAML, Groovy scripts and Ansible playbooks
- Demonstrate expertise in enterprise network administration and troubleshooting errors in production
- Installation, administration, configuration, and support of multi-channel e-commerce software and solutions, including base applications (Apache, Tomcat, Nginx,)
- Work with business to prioritize production issues using agile and scrum methodologies
- Work with other team members to perform security review of hosting environments.
- Work closely with the software engineering teams and product management teams to design, deliver and manage services with high uptime and reliability
- Used Cloud based software development tools (Ubuntu, prometheus, Ansible, Puppet, Jenkins, Nagios, NewRelic, datadog, cloudwatch, Azure Devops, AWS cloud formation)
- Perform code reviews and provide feedback for improvements using code coverage tools like Sonarqube, Jacoco etc.
- Worked with Docker containers and cluster management tools like Kubernetes, Helm, etc
- Developed templates or scripts to automate everyday CI/CD operations and functions
- Create, update and manage shell scripts in an Ubuntu environment, including operational scripts as well as monitoring scripts
- Contributed to the development of platform services including architecture, provisioning, configuration, deployment, and support

Senior Linux Systems Engineer – Nigerian Naval Dockyard, Lagos Nigeria

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 key performance indicators for such services and communicate regularly with Sr. Management to report on operational performance
- 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
- Respond to support and service request tickets

Devops Skills And Training

Cloud/Platforms: AWS, Azure, JIRA, SonarQube, Nexus, Jenkins, Slack, Azure DevOps, CloudWatch, DataDog, New Relic

Build Tools: Ant, Maven, MS Build, Gradle

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

IAAC Tools: Ansible, Terraform, Puppet

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

Databases: Hands on Knowledge on SQL, MySQL, PostgreSQL

Programming Languages: scala, working knowledge of Java, Python.

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