

STEVENS, ADEDIPE

DevOps / Platform Engineer

PERSONAL-DATA

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ABOUT ME

I'm a seasoned DevOps Engineer with a proven track record in building and scaling cloud infrastructure while fostering high-performing engineering teams. My expertise spans timely CICD, cloud architecture, security implementation, and agile team leadership, with a particular focus on AWS environment.

KEY ACHIEVEMENTS

- Successfully led and supported multiple engineering teams, implementing Agile methodologies and fostering a culture of continuous improvement and innovation.
- Supported with the Architecting and implemented robust cloud solutions, achieving 99.9% uptime and significant improvements in deployment efficiency and security compliance.

EDUCATION

- Azure DevOps Engineer Challenge | Microsoft | 2021
- Bachelor of Engineering (Honours) in Electronic Systems Engineering | University of Portsmouth, UK. (2014 – 2017).
- Incident Investigation & Taproot Training | ExxonMobil Upstream Nigeria (2016)

WORK EXPERIENCE:

Capgemini (Public Service - HMRC)

Platform Engineer (DevOps)

December 2022 to Present

- I looked after the DevOps process, including creating CI/CD pipelines, automated testing, and continuous deployment.
- Designed and implemented scalable, secure cloud architectures using AWS achieving high availability and reliability.
- Developed and optimised CI/CD pipelines using Jenkins, GitLab CI/CD, and GitHub Actions.
- I looked after the environment based on the scheduled release and monitor each deployment into the environments from code testing to production.
- Implemented automated testing pipelines, including creating test suites, test cases, and test automation scripts.
- Automated infrastructure provisioning and management with Terraform and Ansible, reducing manual effort and increasing deployment speed by 50%.
- Set up containerised environments using Kubernetes and Docker, ensuring efficient orchestration and management of microservices.
- Integrated monitoring and logging solutions using Prometheus, Grafana, ELK stack, and Datadog to enhance visibility and troubleshooting.
- Implemented robust security measures, including IAM policies, VPC configurations, and automated compliance checks with TFSec.
- Collaborated with development teams to streamline workflows and improve application performance and stability.
- Implemented monitoring and reporting of production deployments.
- Managed multiple projects simultaneously, ensuring timely delivery and client satisfaction.
- Monitoring and resolving tickets on the jira board.

- Triaged and distributed tickets to other members of the team.
- Looking after the environments by ensuring applications are running as they should.
- Troubleshooting failed application through Jenkins, AWS console and codes.

Container Code (Contacted to i6)

DevOps Engineer

November 2019 to December 2022

- Collaboration with the product team to ensure that the platform is up to date and stable.
- Maintain Git workflows for version control (Source Code Management).
- Responsible for designing the PR gate in a secure manner.
- Implementation of automated testing pipelines, including the creation of test suites, test cases, and test automation scripts.
- Building dashboard and reporting of the automation testing process.
- Responsible for implementation and championing of the DevOps process, including the creation of CI/CD pipelines, automated testing, and continuous deployment.
- Using IaC to build infrastructures and resources.
- Planning and organizing tickets through Azure DevOps Board and monitoring records for deployment in Azure Boards.
- Managing and deploying containers with Kubernetes.
- Responsible for logging and monitoring.

DTY Consulting.

Data Analyst

October 2018 – October 2019

- Communicated with internal/external stakeholders to understand the needs of the team and the organisation as a whole.
- Using data visualisation practices to analyse findings and create suggestions for strategic and operational improvements and changes.
- Builds reports using data visualization tools with multi-dimensional analysis to explore the performance of the project.
- Using advanced analytics practices in Microsoft Power BI to delve deeper into trends and patterns in the data.
- Identify KPIs within the business and ensure that they are measurable with achievable targets.
- Importing data from SQL Server DB, Azure SQL DB to Power BI to generate reports.
- Created DAX queries to generate computed columns in Power BI.
- Creating suites of automated reports and dashboards by which business is managed effectively.
- Using Python to generate, cleans and arrange data, also for visualizations.
- Dashboards available in Web clients and mobile apps
- Continuous reporting and visualizations with Power BI.

Exxon-Mobil FPSO DEEP WATER PROJECT- USAN, (OML 138 Offshore).

Senior Instrumentation/Electrical Engineer

January 2015 to October 2018

- In charge of the instrumentation and electrical department.
- Reported to the Engineering Manager on all scheduled and intervention maintenance jobs.
- Monitoring and closing all maintenance Jobs within specified duration on SAP with strict adherence to safety.
- Job Planning and scheduling by the preparation of ePTW (Electronic Permit-to-work system).
- Maintenance schedules, Monthly reports for Fire and Gas equipment on the FPSO.

- Ordering and tracking of spare parts using the Computer Maintenance Management System (CMMS) and SAP (IPES & UNISUP) system.

Exxon-Mobil FPSO DEEP WATER PROJECT- USAN, (OML 138 Offshore).

Instrumentation Engineer

June 2012 to January 2015

- Organized and execute on-site instrumentation design and maintenance jobs.
- Preventive maintenance on F&G Instruments such as: Inergen fire systems, water mist System, Gas Detectors – IR 7000 and Open Part Drager types, Flame detectors-smart eye, NTDs Oil mist smoke detectors.
- Operation & Maintenance of BDV's, ROV's, LCV's, SDV's and ESDV's. General Valve maintenance and repairs in accordance to Philosophy of operations.
- Troubleshooting Process Instrumentation.

INTERESTS:

Agriculture | Swimming | Teaching | Indoor games | Reading | Music.

TECHNICAL SKILLS:

Cloud & Infrastructure:

AWS, Azure, GCP, Kubernetes, Docker

DevOps Tools:

Jenkins, GitLab CI/CD, Azure DevOps, GitHub Actions, ArgoCD, Terraform, Ansible, CircleCI, Vagrant, Packer

Security & Monitoring:

IAM, Zero Trust, CloudWatch, Prometheus, Grafana, ELK Stack, Datadog, Splunk, Dynatrace

Programming & Scripting Languages:

Python, JavaScript, Bash, PowerShell

Development Frameworks:

MERN Stack (MongoDB, Express.js, React, Node.js)

PROJECTS:

- Migrating old databases into the new Rhel 8 database for all applications and environments – HMRC
- Aligning no prod environments with production – HMRC
- Processing and parsing of tariff logs – HMRC
- Filebeat Appd filtering project for applications – HMRC
- New Deployment strategy for the platform – Container Code
- Patching new database for multitude environments and building new observers.

CERTIFICATIONS:

AWS Certified Solutions Architect Associate.