

# Omotebi Samuel Egbowon

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## PROFESSIONAL SUMMARY

With over 4 years of IT experience in system administration and cloud computing, I specialize in automating workflows and securing cloud infrastructures. Skilled in supporting the design and maintenance of AWS environments, using tools like CloudFormation, AWS CLI, and IaC, as well as automating software delivery with Jenkins. I am skilled in Python and Bash scripting for improving operational efficiency.

## TECHNICAL SKILLS

- **Cloud Platforms:** AWS (Strong), Azure
- **CI/CD tool and Build Tools:** Maven, Jenkins, ArgoCD, GitLab, GitHub Actions
- **Version Control:** Git, GitHub, GitLab
- **Operating Systems:** Ubuntu, Red Hat Linux, Windows
- **Infrastructure as Code:** Terraform, Cloud Formation
- **Monitoring Tool:** Datadog, CloudWatch, Prometheus, Grafana
- **Networking:** Virtual Networks, Load Balancing, DNS, API Gateway, Firewalls and Security, CDN, Kube-proxy
- **Logging Tools:** ELK Stack
- **Containers:** Docker, ECS, EKS, Kubernetes (Kubectl and Helm)
- **Scripting & Other Tools:** Bash, Python, PowerShell
- **SAST Tool:** SonarQube
- **Configuration Management:** Ansible
- **Artifactory:** Nexus
- **Security Tools:** Network Policies, RBAC, TerraScan, KubeSec, Burp Suite, OWASP ZAP, Wireshark
- **Project management tool:** Microsoft Team, Slack, Jira, Salesforce
- **Databases:** Oracle and Microsoft SQL Server (MS-SQL Server), RedShift, Dynamo DB, Aurora, RDS

## PROFESSIONAL EXPERIENCE

SupportNEX | Remote

Jan 2023 - Current

*Junior DevOps Engineer*

- Assisted in Implementing Git-based version control systems, supporting the development of branching strategies and managing code repositories to improve collaborative workflows and streamline code management across teams.
- Assisted in managing multi-tier web applications on AWS, utilizing services like VPC, EC2, S3, RDS, ALB, ASG, IAM, RT 53, CloudFront and CloudWatch to ensure high availability and performance.
- Monitored system performance and application health with Prometheus and Grafana, setting up dashboards and alerts to track service-level transactions.
- Developed Ansible playbooks to automate the configuration of over 50 web servers and database servers, ensuring efficient and consistent deployment across environments.
- Assisted in automating CI/CD pipelines for microservices, contributing to a 40% reduction in deployment times and a 25% improvement in team productivity through efficient pipeline integration.

- Developed a Python script with AWS Lambda to automate file organization in S3 buckets, improving log analysis and troubleshooting efficiency.
- Collaborated with cloud engineers to implement Infrastructure as Code (IaC) using Terraform, ensuring consistency and scalability across environments.

### **BIWE Consulting | Remote**

**Oct 2020 - Dec 2022**

#### ***System Administrator***

- Managed and maintained Linux-based servers, ensuring optimal performance and system reliability.
- Maintained the organization's firewall systems, enhancing network security and reducing unauthorized access attempts by 50%.
- Reduced ticket resolution time by 20% by creating detailed documentation and SOPs for common troubleshooting tasks.
- Automated 70% of routine server tasks using Bash scripts, reducing manual effort and saving 15 hours per week.
- Established VPN access for remote teams, enhancing connectivity and productivity for 150+ employees.
- Collaborated with development and operations teams to cultivate a culture of collaboration and continuous improvement, resulting in a 30% increase in cross-team communication and a 20% reduction in deployment times.
- Implemented load balancers to handle traffic spikes, improving web application uptime during peak periods by 20%.
- Mentored new team members on Linux server administration, enhancing their proficiency in system configuration and troubleshooting.

## **EDUCATION**

- Msc Cybersecurity (First Class) | University of Bradford | Bradford, UK

## **CERTIFICATIONS**

- ISO/IEC 27001 | [ISLI1146020-2024-02](#)
- AWS Certified Cloud Practitioner | [9a81a9537baf48b187f9dbe67e14ddfb](#)