(old.docx)

TOCHI UNAMKA | London | **Mobile:** 07598286687 | **Email:** tufort-teams@yahoo.com



Results-driven **AWS DevOps Engineer** with over **8 years of experience** in designing, automating, and optimizing mission-critical deployments in the **cloud** and **on-premises environments**. Certified in **AWS**, **Terraform**, and **Kubernetes**, demonstrating expertise in **DevOps methodologies**, **CI/CD pipelines**, and **Infrastructure as Code (IaC)**. Proven ability to lead cross-functional teams, drive automation, and deliver scalable, secure, and cost-efficient solutions. Skilled in **problem-solving**, **collaboration**, and **strategic thinking**, with a strong commitment to innovation and continuous learning.



* **AWS Cloud Services:** EC2, VPC, ASG, ELB, S3, EBS, CloudFront, Route 53, RDS, DynamoDB, Lambda, AWS Control Tower, AWS Organization, CloudWatch, CloudTrail, SHEILD, SQS, SNS.
* **Cloud Platforms:** AWS, Azure, Google Cloud
* **CI/CD Pipelines & DevOps Tools:** CI/CD Pipeline,Jenkins, Docker, VCS - (Git,GitLab/BitBucket), ECS, EKS (K8s), ECR, GitOps, Packer.
* **IAAC:** CloudFormation/Terraform (HashiCorp Vault).
* **Programming & Scripting:** Linux, Bash, PHP, C#, Python, PowerShell, YAML
* **Security & Compliance:** IAM, AWS WAF, AWS Inspector, Security Hub, AWS Detective, AWS Config, AWS Macie, AWS KMS, Firewall Manager, AWS Secrets Manager, Parameter Store, GuardDuty, CIS Benchmarks, Encryption (KMS)
* **Monitoring & Logging:** CloudWatch, Grafana & Prometheus.
* **AWS Framework:** Security, Cost, Reliability, Operational Excellence, Performance Efficiency and Sustainability.
* **AWS Core Values:** Cloud Adoption Framework **(CAF),** AWS Migration Strategies **(7 R’s)**
* **Collaboration Tools:** Slack, Confluence, Jira, Microsoft 365 (Excel, Ms word, Teams, SharePoint).
* **IT Support Tools:** TeamViewer, Webex, RemoteHelp, Patch management.
* **Cost Optimization & Management:** Resource right-sizing, Reserved Instances, AWS Budgets, Tagging for cost allocation
* **Other Skills:** Strategic planning, project management, cost optimization, cross functional collaboration, technical writing.

**WORK EXPERIENCE**

**AWS DevOps Engineer (Contractor) Lloyds Bank 11/22 – Present**

**Clients Project Brief:** Modernizing Payment System Interfaces Using AWS's Cloud-Native Payment Solutions.

***Achievements:***

* *Savings of $18,842 per year through purchase of 108 Reserved Instances with no upfront cost.*
* *Achieved a 30% reduction in monthly AWS costs by identifying underutilized resources, right-sizing instances, and optimizing reserved instance purchases.*

**Responsibilities:**

* Designed and deployed **secure EKS clusters** integrated with ECR for seamless container orchestration and Postgres for data store.
* Automated **infrastructure provisioning** using **Terraform**, ensuring scalability and resilience.
* Implemented robust CI/CD pipelines with Jenkins and SonarQube for automated builds, tests, and deployments.
* Configured AWS services such as **CloudWatch** for monitoring, **Secrets Manager** for credential management, and **API Gateway** for serverless APIs.
* Integrated **LLM-based knowledgebases** using Amazon Bedrock for intelligent application features.
* Developed custom CloudWatch dashboards to monitor application performance and resource utilization.
* Collaborated with globally distributed teams to standardize tools and patterns for **CI/CD, observability, and security**, improving operational efficiency.

**AWS DevOps Engineer (Contractor) Global Payment UK 12/20 – 10/22**

**Clients Project Brief:**

# Using AWS Services To Transform A Legacy Stateful Application Into A Stateless Application.

**Responsibilities:**

* Transitioned legacy stateful applications into **stateless architectures** using modern AWS services.
* Integrated **CIS Benchmarks** into IaC templates, enhancing security compliance.
* Automated end-to-end CI/CD pipelines leveraging Terraform, AWS CodePipeline, and Jenkins.
* Conducted vulnerability scanning of code and containers, incorporating security checks into CI/CD workflows.
* Monitored application performance and resolved incidents using **CloudWatch** and **Prometheus**.
* Collaborated with development teams to optimize application deployment strategies, improving time-to-market.

**AWS Cloud Engineer (Contractor) Capgemini UK 01/19 – 11/20**

**Clients Project Brief:**

# Location Services With Real-Time ML Forecasting.

# Developed Bioinformatics Workflows On AWS With DevOps.

# Leveraging AWS Services Such As S3 For Digital Imaging And Communications In Medicine (DICOM) Images Storage.

**Responsibilities:**

* Designed and implemented cloud solutions for **real-time ML forecasting** and **bioinformatics workflows**.
* Automated deployments using Terraform and CloudFormation, reducing manual effort and errors.
* Managed cloud infrastructure, including EC2, S3, Lambda, and RDS, ensuring high availability.
* Streamlined DevOps processes by integrating GitLab for version control and Jenkins for CI/CD.
* Enhanced team collaboration through documentation and knowledge-sharing sessions.

**Infrastructure Engineer Data Link UK 05/16 – 12/18**

**Responsibilities:**

* Developed and maintained cloud infrastructure on AWS, including EC2, S3, and RDS.
* Integrated third-party APIs to improve application functionality and performance.
* Optimized database queries, enhancing application response times by 25%.
* Provided technical support and troubleshooting for cloud-based systems.

**Linux System Administrator Tour Ryde Group 10/12 – 04/16**

**Responsibilities:**

* Managed and monitored Linux systems, ensuring uptime and reliability.
* Automated backup processes, safeguarding critical data.
* Implemented security measures, including firewalls and intrusion detection systems.
* Performed system performance tuning, improving operational efficiency.

**EDUCATION & CERTIFICATIONS**

* HashiCorp Certified: Terraform **(Associate).**
* AWS Certified DevOps Engineer **(Professional).**
* AWS Certified Solutions Architect **(Associate).**
* AWS Certified Cloud Practitioner **(Foundation).**
* Microsoft Certified: Azure Administrator Associate **(AZ-900) .**
* CompTIA A+ & Microsoft 365 Fundamentals **- (MS-900).**
* University of Port Harcourt | **Electrical Electronics Engineering | 2000 – 2005**

­­­­­ **REFERENCES**: Available upon request.