Gbemi Adesanya Lead Infrastructure Engineer

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PROFILE SUMMARY

- **Lead Infrastructure Engineer** with **13 years** in **banking infrastructure** at **JPMorgan Chase** and **Citi**, leading a team behind the private cloud for payments and trading support apps.
- Hands-on with **VMware vSphere**, **Red Hat OpenShift** and RHEL, **NetApp ONTAP** storage, F5 BIG-IP and Cisco Nexus networks, and **Terraform** and Ansible for every change, with Python for reporting.
- Deep experience in **data center failover testing**, **hardware refresh planning**, **on-prem Kubernetes at scale** and **storage replication**, all inside the bank's change and audit controls.
- Works with **payments and trading app owners**, the network and security teams, facilities and **hardware vendors**, and presents the yearly infrastructure plan and budget to technology leadership.
- Leads and hires **7 engineers**, has mentored 3 of them into senior roles, and wrote the team's **host and cluster build standards** and its failover runbook template.

TECHNICAL SKILLS

Operating Systems & Virtualization:	RHEL 9, VMware vSphere 8, vCenter, Windows Server 2022
Cloud Platforms:	AWS (EC2, VPC, Direct Connect), Microsoft Azure (basics)
Infrastructure as Code:	Terraform, Ansible Automation Platform, Bitbucket, Jenkins
Containers & Kubernetes:	Red Hat OpenShift, Kubernetes, Helm, Red Hat Quay
Networking & Load Balancing:	TCP/IP, BGP, DNS, Cisco Nexus, F5 BIG-IP, Infoblox
Storage & Backup:	NetApp ONTAP, SnapMirror, Dell PowerMax, Commvault
Monitoring & Scripting:	Prometheus, Grafana, Splunk, Python, Bash

EDUCATION

Stevens Institute of Technology — **B.E. in Computer Engineering** — Hoboken, NJ · Aug 2009 to May 2013

WORK EXPERIENCE

JPMorgan Chase — **Lead Infrastructure Engineer** — Jersey City, NJ · Jan 2020 to Present

- Leads **7** engineers running 4,800 VMs on **VMware vSphere** for payments and trading support apps, and set the host standard that raised consolidation from 14 to **23** VMs per host.
- Set the build standard for on-prem **Red Hat OpenShift** clusters on bare metal, with cluster config in Git and quarterly upgrades, growing the estate from 6 to **31** clusters with the same headcount.
- Owns the yearly data center failover test for 120 tier-1 payments apps, rewriting the runbooks with each app team, and brought measured recovery time from 6 hours to **78 minutes**.
- Runs the refresh plan for 2,600 servers and storage arrays, ordered by support end date and rack power, cutting production hosts past vendor support from 900 to **35**.
- Made **Terraform** and **Ansible** the only way the team changes VMware and load balancer config, with peer review in Bitbucket, cutting change-related incidents by **46%** in a year.

Citi — **Senior Infrastructure Engineer** — New York, NY · Jul 2013 to Dec 2019

- Moved **1,400** application VIPs from aging load balancers to **F5 BIG-IP** pairs in both data centers during a network refresh, over 30 weekend changes with none rolled back.
- Migrated 2.4 PB of file and block storage onto **NetApp ONTAP** clusters with SnapMirror to the second site, cutting replication lag for trading file shares from hours to under **15 minutes**.
- Built a monthly compute and storage capacity model in **Python** from vCenter and array data, and moved spare hosts between clusters before quarter-end peaks, keeping CPU ready time under **2%**.