

# Sekou M. Doumbouya

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## PROFESSIONAL SUMMARY

Senior Staff Cloud Systems Engineer and Technical Lead with 20+ years architecting scalable, reliable cloud infrastructure. Expertise in multi-region networking, disaster recovery, IaC, Kubernetes, and team leadership. Proven strategic leadership including Director of Network Operations.

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## CORE COMPETENCIES

Cloud: AWS (EC2, EKS, ECS, Glue, Kinesis), Oracle OCI, Kubernetes, HashiCorp Nomad/Consul, Kafka, Redis | IaC: Terraform, Ansible, Chef, Puppet | CI/CD: Jenkins, GitLab CI, Spinnaker, GitHub Actions | Containers: Docker, KVM, VMware ESXi, OpenStack | Observability: Prometheus, Grafana, Nagios, ELK | Languages: Bash, Python, Ruby, Golang

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## PROFESSIONAL EXPERIENCE

**Pinterest** | Technical Lead – Senior Staff Cloud Systems Engineer | June 2021 – Present

- DRI for Multi-Region and Multi-Account initiatives, collaborating with Chief Architect and Engineering Leadership; advocated for Multi-Account architecture adoption.
- Architected Next Generation Network Architecture combining centralized connectivity with distributed control for scalable, secure environments.
- Reduced annual networking costs from \$10M to \$0 by transitioning from Transit Gateway to direct VPC peering.
- Founded Cloud Architecture team; mentored 12–14 engineers; led cross-team workshops on cloud networking and IaC.
- Established IaC standards and Terraform CI/CD pipelines, reducing deployment failures.

**Quip (Salesforce)** | Technical Lead / SRE | April 2019 – June 2021

- Improved system reliability, increasing uptime by 15%; developed real-time clickstream analytics with AWS Kinesis, Lambda, Athena.
- Automated AWS infrastructure using Terraform and Ansible; migrated to AWS ECS, reducing costs by 20%.
- Designed zero-downtime AMI deployment process across AWS ECS Clusters.

**Oracle** | Principal Systems Engineer | May 2016 – April 2019

- Developed CI/CD pipelines across Oracle Service Cloud; architected GitOps-based container deployment.
- Authored Terraform modules for OCI deployments; created microservices framework with HashiCorp Nomad/Consul.
- Implemented zero-downtime adaptive HA-Proxy load balancing using consul-templates.

**Groupon** | Senior Systems Engineer | September 2014 – May 2016

- Lead Engineer for datacenter hardware ingestion, CMDB, and OS bootstrapping; developed Docker provisioning with Jenkins/Ansible.
- Led Ansible adoption across the organization; mentored engineers in automation and configuration management.

**LiveOps** | Senior Systems Administrator | April 2013 – September 2014

- Lead for automation and storage virtualization; designed 600TB+ Netapp storage with Cisco Nexus networking (60Gbps/array).

**Telvue Corporation** | Director of Network Operations | January 2012 – April 2013

- Directed network infrastructure upgrades for IPTV; engineered KVM virtualization; completed datacenter migration.

## Earlier Experience

Continuum Health Alliance – UNIX System & Network Administrator (2008–2011)

Jones New York – Systems Engineer (2008) | Sage Software – Technical Analyst III (2005–2008)

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## **EDUCATION & PROFESSIONAL DEVELOPMENT**

Penn State University, Schuylkill Haven, PA (1999–2002)

Emerge Global Executive Leadership Program, Ross School of Business, University of Michigan

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## **HONORS & COMMUNITY**

- LiveOps Amsterdam Datacenter Creation Award
- AI with Friends – Co-host of weekly tech podcast
- /Dev/Color – Active mentor promoting diversity in technology