Short Version of Work Experience - Dattaram Miruke

AWS DevOps Architect - CyberOne (12/2024 - Present)

- Leading on-prem to AWS cloud migration for an enterprise client.

- Developed CI/CD pipelines with Terraform & GitHub Actions.

- Designed containerization & Kubernetes orchestration standards.

- Built ECS & EKS production clusters.

Senior DevOps Engineer - Amazon (02/2023 - 11/2024)

- Led CI/CD pipelines for Amazon Kuiper's FPGA projects.

- Optimized AWS ECS, Lambda, ECR, Step Functions, reducing resource provisioning time by 20%.

- Built resilient AWS CDK-based infrastructure stacks.

Senior CI/CD & DevOps Engineer - Cisco Systems (08/2019 - 11/2023)

- Architected CI/CD pipelines for Cisco's SD-WAN solution.

- Automated Kubernetes cluster resilience testing with Chaos Engineering.

- Developed microservices, Kubernetes, OpenStack deployment automation.

Senior DevOps Architect - Williams Sonoma (10/2017 - 07/2019)

- Implemented enterprise-wide monitoring (Nagios XI, ELK, ServiceNow).

- Designed On-Prem Cloud Architecture & OpenStack POC.

- Reduced downtime by 25% through automated incident resolution.

Senior Technical Architect - Cisco Systems (03/2016 - 09/2017)

- Developed Cisco UCS Platform Maintenance Framework (QALI).

- Automated VMware NSX integration in OpenStack Mercury.

Lead Software Engineer/Architect - Hewlett Packard (07/2012 - 01/2016)

- Developed HP Helion (OpenStack-based cloud).

- Built Python-based performance & stress testing tools.

CTO, Life Sciences Startup (03/2011 - 04/2012)

- Led development of genomics and bioinformatics cloud platform.

- Built team for computational biology and medical informatics.

Lead Engineer, Cisco Systems (07/2007 - 03/2011)

- Led automation & integration testing for NX-OS (Data Center switches).
- Developed semi-automated failure analysis system.

QE Engineer/Manager - Open Source Software Integration - PalmSource (03/2006 - 06/2007)
- Managed integration & testing for Access Linux Platform (ALP).
- Coordinated 50+ Open Source components for Palm Treo.

Team Lead, SSL/VPN Products - Juniper Networks (03/2004 - 05/2006)
- Led Quality Engineering for SSL/VPN product testing.
- Developed automation framework for security testing.

Founder/Trainer - Startups & Businesses (01/2004 - 01/2006)
- Co-founded product startups in EHR/EMR software & EMS technician tools.
- Provided corporate training on DevOps, cloud, and programming.

Senior Software Engineer - Agami Systems (03/2003 - 10/2004)
- Worked on NAS storage solutions & SSL/VPN testing.
- Built automation framework for system testing.

QE/Tools Lead - BlueCoat (CacheFlow) Systems (03/2001 - 04/2003)
- Developed test automation for NetBSD-based Web Caching.
- Designed TCP stack conformance test suite.

MTS Tech Lead - NetApp (02/1999 - 02/2001)
- Developed networking stack & test frameworks for ONTAP OS.
- Built traffic generators & fault injection tools for NetApp NAS.

Engineering/Project Manager - Infogain Corporation (07/1997 - 08/1999)
- Managed Oracle-based multi-tier systems & database migration projects.

Engineering Manager - Informix Development Center (03/1994 - 08/1997)
- Led India development center for Informix.
- Managed server performance, scalability, and internationalization.

Key Technologies & Skills:
- Cloud & DevOps: AWS, Terraform, Kubernetes, GitHub Actions, CI/CD
- Programming: Python, Golang, Typescript, C, C++, Bash, Perl
- Infrastructure & Security: OpenStack, VMware NSX, Nagios, ELK, Chaos Engineering

- Observability & Performance: Prometheus, Grafana, DataDog, Load Testing