Mahesh Lokku | DevOps & Cloud Engineer

7036130062 | maheshlokku9@gmail.com | linkedin.com/in/maheshlokku | Hyderabad, India

Professional Summary

DevOps & Cloud Engineer with 2+ years of experience optimizing enterprise middleware platforms (WebLogic, WebSphere, JBoss) and deploying scalable cloud infrastructure on AWS and Azure. Experienced in building automated **CI/CD pipelines**, containerized workloads (Docker, Kubernetes), and **Infrastructure as Code** (Terraform, Ansible) to deliver high-availability systems with faster release cycles.

Key Achievements:

- **Accelerated** release cycles by 40% using Jenkins Pipelines and Infrastructure as Code (Terraform, Ansible).
- **Enhanced** system availability and performance through Kubernetes clusters with Auto Scaling & load balancing.
- **Strengthened** security compliance by deploying SSL/TLS, reverse proxy configurations, and IAM and RBAC policies.

Seeking a DevOps Engineer role to leverage my expertise in cloud-native solutions, automation, and enterprise application performance optimization.

Core Skills

- **Cloud Platforms:** AWS (EC2, S3, ECS, ECR, VPC, IAM), Azure (AKS, Blob Storage, ACR), Wasabi Cloud Storage, Vercel, Render
- **DevOps & Automation:** Git, Docker, Kubernetes, Terraform, Jenkins, Ansible
- **Monitoring & Observability:** Dynatrace, Prometheus, Grafana
- **Middleware & Application Servers:** IBM WebSphere, Oracle WebLogic, JBoss EAP, Apache Tomcat
- **Web Servers :** Apache, Nginx, IBM HTTP Server, Oracle HTTP Server
- **Operating Systems:** Linux (Ubuntu), Windows Server

Professional Experience

Cloud & DevOps Engineer – Data-Valley | Hyderabad | July 2025 – Nov 2025

- **Architected** and **deployed** cloud-native solutions on AWS & Azure, improving system scalability.
- **Orchestrated** containerized applications on Kubernetes with Auto Scaling to manage traffic surges without downtime.
- **Automated** infrastructure setup using Terraform and Ansible, cutting manual effort.
- **Enhanced** monitoring with Prometheus & Grafana, reducing MTTR by 35%.

DevOps Engineer – Eidiko Systems Integrators | Hyderabad | Nov 2023 – Jul 2025

- **Administered** IBM WebSphere, WebLogic, and HTTP Servers for enterprise applications.
- **Implemented** clustering & load balancing, achieving 99.9% uptime.
- **Built and operationalized** Jenkins CI/CD pipelines, reducing deployment time from 2 hours to 30 minutes.
- **Migrated** middleware applications to containerized environments (Docker + Kubernetes), optimizing resource utilization and lowering costs by 20%.
- **Streamlined** environment configuration through IaC (Terraform, Ansible), minimizing setup time by 60%.
- **Secured** enterprise apps with SSL/TLS and reverse proxies, ensuring 100% security compliance.

Intern – Linux & WebLogic – Eidiko Systems Integrators | Hyderabad | Aug 2023 – Nov 2023

- **Supported** WebLogic installations, domain setups, and application deployments.
- **Administered** Linux servers and **resolved** 20+ incidents, boosting uptime by 15%.
- **Authored** deployment and troubleshooting documentation, streamlining team onboarding by 20%.

Project Experience

Flentas Technologies Pvt. Ltd | Pune | Nov 2023 – Jun 2024

- Built **containerized** e-commerce microservices using Docker, accelerating deployment cycles by 40%.
- **Deployed** workloads on Azure Kubernetes Service (AKS) with high-availability, handling 30% traffic spikes without downtime.
- **Developed** Jenkins pipelines for CI/CD, reducing manual deployment effort by 60% with zero failed releases.
- **Configured** Prometheus & Grafana for KPI monitoring, decreasing incident response time.
- **Established** RBAC & IAM policies to ensure secure multi-team access.
- **Executed** multi-region replication and disaster recovery drills, achieving RPO of less than 5 minutes and RTO less than 30 minutes.

Mashreq Bank | Dubai | Jun 2024 – Apr 2025

- **Containerized** core banking microLservices with Docker, reducing infrastructure costs by 20% and improving portability.
- **Designed** Jenkins CI/CD workflows integrated with GitHub, cutting deployment lead time from 2 hours to 20 minutes.
- **Provisioned** AWS infrastructure (EC2, Auto Scaling Jenkins pipelines and ELB) to scale for 1M+ transactions/day.
- **Integrated** Wasabi cloud storage, lowering infrastructure costs by 25% compared to AWS S3.

- **Secured** banking transactions with SSL/TLS, ensuring 100% PCI-DSS compliance.
- **Optimized** provisioning with AWS CLI & Terraform, reducing setup time.
- **Monitored** transactions with Dynatrace, improving issue detection speed.

Education

- B.E – Anna University, Chennai | 2023 | CGPA: 9.0/10
- Higher Secondary (Class XII) – Sri Chaitanya Junior College, Nellore | 2018 | Score: 95.2% (MPC)
- Secondary (Class X) – Government Residential School, D.V. Satram | 2016 | GPA: 9.8/10(SSC)