

Chandra Ummadi

Senior DevOps Engineer — AWS Cloud — Terraform — Kubernetes — Platform Engineering
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PROFESSIONAL SUMMARY

Senior DevOps Engineer with 13+ years of experience designing, automating, securing, and operating enterprise cloud platforms. Expert in AWS, Terraform, Kubernetes, Docker, Jenkins, GitHub Actions, Ansible, Python, and Linux. Specialized in Infrastructure as Code, CI/CD, cloud governance, AWS Landing Zone implementation, cloud migration, platform engineering, production support, and SRE practices. Proven ability to modernize infrastructure, improve deployment velocity, strengthen cloud security, and build scalable, highly available environments.

TECHNICAL SKILLS

Cloud	AWS
Containerization	Kubernetes
Automation	Terraform, CloudFormation
CI/CD	Jenkins, GitHub Actions
Monitoring	Prometheus, Grafana
Version Control	Git, GitHub
Languages	Python, Bash
Operating Systems	Ubuntu, CentOS, RHEL

PROFESSIONAL EXPERIENCE

Digital Engineering Sr Staff Engineer — NTT DATA

March 2022 – Present | Hyderabad, India

- Redesigned 12 CI/CD deployment pipelines using GitHub Actions and Terraform, reducing deployment time by 40%, improving deployment reliability, and enabling on-demand releases.
- Built reusable GitHub Actions workflow library (15+ workflows) adopted by 8 teams, standardizing build/test/deploy across microservices and reducing pipeline maintenance by 60%.
- Created 25+ Terraform modules (VPC, EC2, ASG, IAM, S3) published to private registry, enabling 3x faster environment provisioning and enforcing tagging/security standards.
- Led migration of 200+ VMs to AWS using AWS MGN + DMS, achieving 99.9% data integrity and 40% infrastructure cost reduction via right-sizing and Savings Plans.
- Designed multi-account VPC architecture (Inspection, Shared Services, Workloads) with Transit Gateway + Route 53 Resolver, enabling centralized egress inspection and private DNS resolution across 20+ VPCs.
- Deployed Prometheus/Grafana + Loki stack on EKS (50+ services), defining 200+ alerts with 95% noise reduction via alert routing and inhibition rules.

Senior Systems Administrator (SRE) — JPMorgan Chase

June 2017 – February 2022 | Hyderabad, India

- Supported Site Reliability Engineering (SRE) initiatives by defining operational best practices, improving system reliability, and enhancing production stability.
- Automated 15+ manual runbooks (patch management, cert rotation) using Python, saving 40 hrs/month of ops time.
- Implemented monitoring tools to evaluate system performance, proactively identifying and mitigating potential issues.
- Managed production incidents for Tier-1 applications, reducing Mean Time to Recovery (MTTR) from 45 minutes to 12 minutes through standardized runbooks and automated diagnostics.
- Performed root cause analysis for production incidents and implemented preventive measures to improve platform reliability and operational excellence.
- Served as primary on-call for Tier-1 services (99.99% SLA).

Server Support Specialist — IBM India Pvt Ltd

February 2012 – June 2017 | Hyderabad, India

- Managed virtualized server environments across multiple data centers to ensure high availability and performance.
- Oversaw migration of critical business applications to cloud-based platforms, enhancing scalability and accessibility.
- Streamlined patch management process to minimize vulnerabilities and system downtime.
- Automated server provisioning and configuration management tasks; maintained documentation for IT policies and procedures.

ACHIEVEMENTS

- Built reusable Infrastructure as Code modules to standardize AWS deployments.
- Strengthened cloud governance through IAM controls and AWS security best practices.
- Delivered successful cloud migration and modernization initiatives.
- Developed reusable automation scripts using Python and Shell to eliminate repetitive operational tasks.

EDUCATION

MBA (Master of Business Administration), Computers — Madras University

CERTIFICATIONS

- HashiCorp Certified: Terraform Associate
- AWS Certified Solutions Architect