

SHARAN CHENNA

Cloud Engineer | 8297622321 | sharan.sre@gmail.com | linkedin.com/in/sharanchenna

Professional Summary

Cloud Engineer with 4+ years of experience specializing in IAM, Multi-Cloud Governance (AWS, OCI, GCP, Azure), and Infrastructure as Code. Proven expertise in enforcing Least Privilege across 8,000+ nodes, implementing IAM Identity Center, and automating security controls via SCPs and Terraform to achieve 100% compliance in large-scale production environments.

Technical Skills

OS: Linux (Ubuntu, RHEL, Oracle) | **Cloud:** OCI, AWS, Kubernetes, Docker | **IaC:** Terraform, Ansible | **CI/CD:** Jenkins, GitLab CI/CD, Git, Jira | **Observability:** Prometheus, Grafana, Zabbix | **Net/Sec:** Load Balancing, SSL/TLS, TCP/IP, SSH, REST APIs | **Code:** Python, Bash, YAML, JSON, AWK | **DB:** MySQL, Postgres | **ITSM:** Incident Response, ITIL, SLA/SLO

WORK EXPERIENCE

Cloud Operations Engineer | OCI Compute (Control & Data Plane)

Oracle - February 2024 to September 2025

- **Network Security:** Configured and managed OCI VCNs, Security Lists, and Network Security Groups (NSGs), ensuring secure isolation between Data Plane and Control Plane traffic.
- **Identity & Access Management (IAM):** Orchestrated fine-grained access control and Identity Domains for OCI Compute, implementing Least Privilege permission sets to secure access to a fleet of 8,000+ hypervisors.
- **Security Policy-as-Code:** Leveraged Terraform and Ansible to deploy and enforce centralized security policies, reducing manual configuration errors and potential security gaps by 40%.
- **Infrastructure Hardening:** Directed the security posture of the OCI Compute Control Plane, ensuring all KVM/libvirt nodes met stringent compliance and hardening standards.
- **Automated Security Governance:** Developed custom automation using Python to audit and remediate non-compliant security group rules and IAM configurations across multiple regions.
- **Architected and managed multi-cloud identity federation** using SAML 2.0/OIDC, enabling seamless SSO across AWS, Azure, and OCI while eliminating identity silos.
- **Security & Compliance:** Enforced security best practices across infrastructure by implementing granular access controls, achieving 100% compliance with internal security audits and regulatory standards.
- **Process Improvement:** Developed automated JIRA dashboards and runbooks, reducing on-call administrative toil by 30% and streamlining the incident tracking lifecycle.
- **Collaboration & Knowledge Sharing:** Worked closely with development, operations, and support teams to share insights, document best practices, and improve incident response processes, fostering a culture of reliability and continuous learning.

Associate Engineer | Linux COE

CtrlS Datacenters - April 2021 to December 2023

- **Multi-Cloud Infrastructure:** Provisioned and managed a hybrid fleet of 2500+ servers (RHEL, CentOS, SUSE, AIX, Ubuntu) across on-premise and multi-cloud environments, maintaining 99.9% system availability.
- **Virtualization Management:** Administered enterprise virtualization clusters using VMware, Hyper-V, and Nutanix, optimizing resource allocation for virtual instances and Network Attached Storage (NAS) to reduce hardware overhead by 15%.
- **High Availability & Web Serving:** Configured SUSE HA clusters and high-traffic web servers (Apache, Nginx) with NIC Bonding and automated SSL renewal, ensuring zero downtime and robust network resilience.
- **System Automation:** Developed advanced Bash and Python scripts to automate routine administrative tasks and user provisioning, reducing manual operational toil by 40%.
- **Identity & Access Management:** Integrated Active Directory for centralized user management and automated sudo privilege auditing, ensuring strictly least-privilege access and enhancing audit readiness.
- **Security & Compliance:** Led critical Patch Management cycles and server hardening initiatives, achieving 100% compliance with security frameworks and resolving high-severity vulnerabilities ahead of SLA deadlines.
- **Monitoring & Diagnostics:** Architected a centralized Zabbix monitoring solution, automating agent deployment across the fleet to achieve 100% infrastructure visibility and reduce incident detection time by 30%.
- **Database Administration:** Deployed and optimized MySQL and MongoDB Master-Slave architectures, tuning queries to improve database performance and reliability for business-critical applications.
- **Technical Account Management (TAM):** Served as the Technical SPOC for key enterprise accounts, driving resolution for complex technical issues and improving Customer Satisfaction (CSAT) scores by 20% through proactive service management.
- **ITIL Process Management:** Championed ITIL best practices for Incident, Change, and Problem management, ensuring 95%+ adherence to SLAs for all critical service requests.

EDUCATION

BCA year of 2020 | 8.23 CGPA | Kakatiya University