Sai Teja

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Professional Summary

- Cloud & DevOps Engineer with 3+ years of experience supporting developer platforms, CI/CD pipelines, and production cloud infrastructure across AWS and Azure.
- Proficient in infrastructure automation using Terraform, CloudFormation, and scripting in Python, Bash, and PowerShell.
- Strong proficiency with Linux systems administration, including performance tuning, networking, and system hardening in cloud-native environments.
- Delivered tools and frameworks that enabled developer self-service, reduced deployment friction, and improved software delivery speed.
- Experienced in building scalable environments, diagnosing distributed systems, and managing Kubernetes-based workloads.
- Adept at collaborating across teams to support the entire software development lifecycle with a focus on reliability, security, and efficiency.
- Strong background in multi-cloud environments, cost optimization, and infrastructure standardization.

Technical Skills

- **Cloud Platforms**: AWS (EC2, S3, Lambda, IAM), Azure (VMs, VNets, AKS, Storage)
- **Infrastructure as Code**: Terraform, ARM Templates, CloudFormation
- **CI/CD & Automation**: GitHub Actions, Azure DevOps, Jenkins
- **Linux & OS**: Linux Administration, Networking, Shell Scripting, System Hardening
- **Scripting & Tools**: Python, Bash, PowerShell
- **Containers & Orchestration**: Docker, Kubernetes (AKS, EKS)
- **Monitoring & Logging**: Azure Monitor, Log Analytics, CloudWatch, Prometheus
- **Security & Networking**: IAM, RBAC, NSG, Key Vault, Virtual Networks

Professional Experience

Coinbase Inc.   **Mar 2023 - Mar 2025**
Cloud & DevOps Engineer   *Vancouver, BC*
- Developed and maintained Terraform modules to standardize infrastructure deployments in AWS and Azure across multiple teams.
- Automated environment provisioning, monitoring configuration, and CI/CD pipelines for internal developer tools and services.
- Managed and maintained Kubernetes clusters (AKS/EKS), implementing best practices for cluster security and resource scaling.
- Built internal tools in Python to assist in secret management, log inspection, and deployment rollback across environments.
- Integrated infrastructure as code with GitHub Actions, enabling on-demand and pull-request-based environment creation.

Key Project – Multi-Cloud IaC & Developer Enablement Framework
- Built self-service environment templates integrated into CI/CD pipelines using Terraform and GitHub Actions.
- Reduced infrastructure provisioning time by 60% and eliminated manual configuration steps for dev/test environments.
- Enabled centralized visibility with CloudWatch dashboards and automated alerts to reduce mean-time-to-detect (MTTD).

Infosys   **Aug 2020 - Aug 2021**
Associate Cloud Engineer   *Hyderabad, India*
- Designed, deployed, and maintained infrastructure solutions on AWS, focusing on scalability, security, and automation.
- Used Terraform and CloudFormation to create reusable templates for EC2, VPCs, RDS, and IAM roles across multiple environments.
- Automated server provisioning and hardening using Bash scripts; implemented backup and monitoring solutions.
- Led operational readiness of AWS workloads including security auditing, failover testing, and environment tuning.
- Collaborated with internal teams to ensure network isolation, tagging, and account structure followed AWS best practices.

Key projects
- Developed scripts to detect unused cloud assets and recommend shutdown schedules, helping teams cut monthly spend by 20%.
- Audited and automated enforcement of IAM policies, password policies, and logging configurations using AWS Config and Lambda.
- Created baseline infrastructure templates with VPC, subnets, NAT gateways, IAM, and S3 policies.

Certifications

- AWS Certified Solutions Architect Associate (Expected July 2025)

Education

New York Institute of Technology   **Sep 2021 - Dec 2022**
Master of Science, Cybersecurity   *Vancouver, Canada*

Gandhi Institute of Technology and Management   **Jun 2016 - Jul 2020**
Bachelor of Technology, Computer Science   *India*