Name

xxxxxx@gmail.com | +91 xxxxxxxx | Hyderabad, Telangana 5000xx

linkedin.com | github.com

Professional Summary

Dynamic AWS DevOps Engineer with over 4 years of experience, specializing in EC2, Terraform, Docker, GitLab, and Kubernetes for cloud-native automation and DevSecOps. Architected resilient infrastructure using EKS, Helm, and Terraform, delivering zero-downtime deployments and 50% faster CI/CD pipelines for financial enterprises. Reduced costs by 25% and vulnerabilities by 40% using AquaSec, Trivy, and Vault. Studied GCP Compute Engine and CNCF tools (e.g., Velero, Longhorn) to complement AWS expertise, with readiness to manage GitLab on-premises, GitPods, and VMware vSphere. Proficient in database tunneling, dependency mapping, and repository backups, ensuring seamless workflows. Collaborative leader mentoring teams in Linux-based, remote environments.

Core Competencies

- **Cloud Platforms:** AWS (EC2, EKS, ECS, RDS, Lambda, EventBridge, VPC, IAM, CloudWatch, Systems Manager), GCP (Compute Engine, Kubernetes Engine - studied), Azure (knowledge)
- **Infrastructure as Code:** Terraform, Ansible, CloudFormation, AWS CDK
- **Containerization:** Docker, Kubernetes (EKS), Helm, ArgoCD, FluxCD, CRDs, StatefulSets, PVs, PVCs, Docker Volumes, Security Contexts
- **CI/CD & GitOps:** Jenkins, GitLab CI, GitLab Runner, GitLab (on-premises-ready), GitHub Actions, AWS CodePipeline
- **DevSecOps:** AquaSec, SonarQube, Trivy, OPA, Vault, Nexus, Least Privilege Access
- **Monitoring & Observability:** Prometheus, Grafana, Alert Manager, CloudWatch, Loki, ELK, Datadog, OpenTelemetry, Log Shipping
- **Scripting:** Python, Bash, YAML, PowerShell
- **Version Control:** Git, GitHub, GitLab, Repository Backups
- **Networking:** VPC, Subnets, Route Tables, Load Balancers, DNS, Security Groups, Database Tunneling
- **Operating Systems:** Linux (Ubuntu, CentOS, RHEL), Windows
- **Databases:** MSSQL, MongoDB, DynamoDB, Aurora, Backups, High Availability
- **Tools:** JIRA, Confluence, Backstage, Postman, Chaos Monkey, GitPods (studied), CNCF (Velero, Longhorn, Harbor, Rancher - studied)
- **Virtualization:** Virtualization principles, VMware vSphere (adaptable)

Professional Experience

xxxxxxxxxxxxx Technologies Hyderabad, India   Feb 20xx–Present

- Spearheaded Backstage-based Internal Developer Platform on AWS EC2, automating provisioning with Terraform and Helm charts, reducing setup time by 30% and saving $60K annually.
- Designed GitOps-driven CI/CD pipelines using Jenkins, GitLab CI, and ArgoCD, achieving 99.9% deployment reliability and 50% faster release cycles for 15,000+ users.

- Optimized Kubernetes (EKS) clusters with Helm, CRDs, and StatefulSets, integrating Prometheus, Grafana, and Alert Manager for observability, cutting incident response by 30%.
- Led DevSecOps initiatives with AquaSec, Trivy, and Vault, implementing least privilege access, reducing vulnerabilities by 40%, and ensuring zero compliance violations.
- Configured secure database tunneling for developer access to Aurora and DynamoDB, enhancing testing workflows.
- Mentored 5 engineers in Linux, Kubernetes, and GitLab CI, fostering cloud-native expertise in remote settings.

DevOps Engineer, xxxxxxxxxxxxxxx   Hyderabad, India   Mar 20xx–Nov 20xx

- Architected AWS infrastructure with EC2, EKS, and Docker, using Terraform and Ansible for IaC, achieving 99.99% availability and 20% cost optimization.
- Automated microservices deployments on ECS with Jenkins and GitLab CI, increasing deployment frequency by 50% and reducing errors by 60%.
- Integrated SonarQube, AquaSec, and OPA for DevSecOps, enhancing container security and regulatory compliance.
- Mapped microservices dependencies during EKS deployments, ensuring seamless project workflows.
- Conducted chaos engineering with Chaos Monkey, improving system resilience by 15%, and explored Velero-like backup solutions.

DevOps Engineer, xxxxxxxxxxxxx   Apr 20xx–Feb 20xx

- Deployed scalable ECS and Lambda applications with Terraform, using EventBridge and CloudWatch for 99.9% uptime and log shipping via Loki and ELK.
- Automated workflows with Python and Bash, implementing repository backups and branching structures, boosting efficiency by 25%.
- Integrated Grafana, Prometheus, and OpenTelemetry, reducing incident response time by 30% for 10,000+ daily logs.
- Collaborated with security teams to implement Vault for secrets management and database tunneling for MSSQL and Aurora.

AWS DevOps Engineer, xxxxxxxxxxxxx   Hyderabad, India   Nov 20xx–Mar 20xx

- Managed EKS clusters with Docker and Helm, automating PVs, PVCs, and security contexts, monitored via CloudWatch and Datadog.
- Scripted VPC and container automation with Python and Bash, accelerating deployments by 30%.
- Optimized RDS (MSSQL, DynamoDB) with high availability and failover strategies, achieving 99.95% uptime.

Key Projects

- **AWS EKS Microservices Migration:** Led migration to EKS microservices with Helm and dependency mapping, improving scalability by 35% and latency by 20%.
- **GitOps CI/CD Pipeline:** Built Jenkins, GitLab CI, and ArgoCD workflows, slashing deployment time by 50% and errors by 60%.

- **DevSecOps Framework:** Embedded AquaSec, Trivy, and Vault, achieving zero compliance violations and 40% fewer vulnerabilities.
- **Backstage IDP Development:** Developed AWS-based IDP with Terraform, automating tasks and boosting productivity by 25%.
- Gained familiarity with VMware vSphere, Longhorn, Velero, Kasten, Harbor, and Rancher through self-study, complementing hands-on AWS Backup and Chaos Monkey experience.

Education

B.Tech in Electronics and Communication Engineering(20xx-20xx) with XXXX CGPA from XXXXXXXX College

Languages

Telugu (Native), English (C2), Hindi (C1)