

VEDANT GAIDHANE

 Nagpur
 Vedantgaidhane

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Summary

Cloud Infrastructure & DevOps Engineer with proven expertise in AWS cost optimization, automation, and application deployment. Skilled in managing Linux & Windows servers, configuring web servers, and securing infrastructure. Experienced in Jenkins CI/CD pipeline automation, containerization with Docker, and real-time monitoring. Adept at securing cloud environments, managing multi-cloud workloads, and enabling developer self-service to enhance operational efficiency.

Key Achievements

- Reduced AWS costs by **50–85%** through resource optimization across AWS.
- Automated deployments and backups by implementing **Jenkins CI/CD** pipelines, improving release speed and reliability.
- Implemented **Terraform**-based reusable modules for version-controlled infrastructure.
- Implemented and self-hosted **GitLab CE** and **SonarQube**, customized for organizational needs, and migrated repositories from **Bitbucket**, enabling cost-free **CI/CD** and **version control** management.

Work Experience

Harrier Information Systems Pvt. Ltd., Nagpur

Executive – Cloud Infrastructure

December, 2024 - Present

- AWS Cost Optimization:**
 - Reduced cloud spend by **50–85%** for multiple clients (**\$1900→\$1000, \$1200→\$200, \$500→\$250**) by optimizing resources.
 - Implemented **right-sizing** based on utilization and , automated **EC2 scheduling, Reserved Instances, Savings Plans**, and data transfer optimization,
 - Analyzed historical cost patterns using **AWS Cost Explorer** and reviewed resource logs and usage metrics. Based on these insights, implemented **optimization strategies** to efficiently create and manage resources, ensuring that despite provisioning additional infrastructure, overall costs for the organization remained flat or decreased.
- CI/CD Automation:** Designed Jenkins pipelines **reducing deployment time by 80%**, integrated **SonarQube** for code quality, and enabled zero-downtime deployments using **Docker & Kubernetes**.
- Infrastructure as Code:** Built reusable **Terraform** modules for AWS, enabling version-controlled, parameterized deployments.
- Containerization:** Automated **Docker** image builds, pushed to private registries, secured with **Trivy**, and orchestrated staging environments with **Kubernetes**.
- Web Server & OS Management:** Managed **Linux (Ubuntu)** and Windows servers, configured **Nginx, Apache2, HTTPD, Tomcat**, optimized SSL/TLS, caching, and load performance.
- Serverless Hosting:** Deployed static websites on **S3 + CloudFront** and integrated APIs with **AWS Lambda for low-cost hosting**.
- Monitoring & Logging:** Implemented **Prometheus + Grafana** dashboards, **AWS CloudWatch** alerts, and centralized logging with **CloudTrail** for real-time insights.
- Security & Compliance:** Applied **IAM** least privilege, configured **AWS WAF, GuardDuty**, Security Groups, and enforced compliance using **AWS Config**.
- Automation & Scripting:** Developed **Bash/Python** scripts for provisioning, cleanup, and automated backups (**EBS snapshots & S3 replication**).

Technical Skills

- Cloud Platforms** : AWS (EC2, RDS, S3, Lambda, IAM, VPC, CloudWatch, ALB, WAF, GuardDuty, SES, Route 53, CloudFront, Lightsail, ECR, Certificate Manager, AWS Organizations, Billing and Cost Management), Azure (Basic)
- DevOps Tools** : Jenkins, GitLab CI/CD, Docker, Kubernetes, Ansible, SonarQube, Trivy
- Monitoring** : Prometheus, Grafana, AWS CloudWatch, Uptime Kuma
- IaC & Automation** : Terraform, AWS CloudFormation (Basic), Bash, Python
- Programming Languages** : Python (Basic)
- Operating System** : Linux (Ubuntu, Amazon Linux), Windows Server
- Database Management System (DBMS)** : MySQL, PostgreSQL, AWS RDS (Basic)
- Web Servers** : Nginx, Apache, Tomcat, Internet Information Services (IIS)
- Version Control Systems** : Github, Bitbucket, GitLab

Education

Bachelors Of Technology, Electronics Engineering
Yeshwantrao Chavan College of Engineering (YCCE), Nagpur

2020 - 2024
CGPA : 7.76