

VEDANT GAIDHANE

📍 Nagpur

🐙 Vedantgaidhane

✉ vedantkgaidhane@gmail.com

🌐 vedantgaidhane.com

📞 +91 7264926849

🌐 @ vedant gaidhane

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 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

- Optimized AWS costs by managing EC2, RDS, S3, and EBS resources, leveraging Cost Explorer, right-sizing, and automation for efficient resource utilization.
- Automated CI/CD pipelines with Jenkins, reducing deployment time by 80%.
- Implemented Terraform-based reusable modules for version-controlled infrastructure.
- Secured AWS environments using WAF, GuardDuty, IAM least privilege, and SIEM monitoring.

Work Experience

Harrier Information Systems Pvt. Ltd., Nagpur

Executive – Cloud Infrastructure

December, 2024 - Present

- AWS Cost Optimization:** Optimized EC2, RDS, S3, and EBS resources using right-sizing, RI/Savings Plans, gp2→gp3 conversions, and automated EC2 scheduling (**Lambda + EventBridge**); leveraged **Cost Explorer** for cost governance and transparency.
- 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, SES, Route 53, CloudFront, Lightsail, ECR, Certificate Manager), 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), Windows Server
- Database Management System (DBMS) :** MySQL, PostgreSQL, AWS RDS (Basic)

Projects

Automated Infrastructure Provisioning with Terraform:

Designed and implemented Infrastructure as Code using Terraform to provision AWS resources like EC2, VPC, Security Groups, and S3. Automated infrastructure deployment with reusable modules, ensuring scalability and cost efficiency.

CI/CD Pipeline for Microservices ApplicationDescription:

Designed and implemented a fully automated CI/CD pipeline using Jenkins, GitHub, Docker, and Kubernetes for a microservices-based application. Integrated SonarQube for code quality, Trivy for image scanning, and deployed to AWS EKS with zero-downtime rollouts.

Scalable Web Application Deployment on AWS:

Deployed a containerized application on AWS ECS with an Application Load Balancer for high availability. Implemented auto-scaling, integrated CloudWatch for monitoring, and configured IAM policies for secure access

Education

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

2020 - 2024
CGPA : 7.76