

# VEDANT GAIDHANE

📍 Nagpur  
🌐 Vedantgaidhane

✉ vedantkgaidhane@gmail.com  
🌐 devops-vedant.gaidhane.in

☎ +91 7264926849  
🌐 @ vedant gaidhane

## PROFESSIONAL SUMMARY

Cloud Infrastructure & DevOps Engineer with proven expertise in AWS cost optimization, automation, and application deployment. Reduced AWS costs by 30–40% through strategic planning, RI/SP purchases, and environment right-sizing. Experienced in CI/CD pipeline automation, containerization with Docker, and real-time monitoring with Prometheus, Grafana, and AWS CloudWatch. Adept at securing cloud environments, managing multi-cloud workloads, and enabling developer self-service to enhance operational efficiency.

## Work Experience

### Harrier Information Systems Pvt. Ltd., Nagpur

#### Executive – Cloud Infrastructure

December, 2024 - Present

- Achieved 30–40% AWS cost reduction through automation, RI/Savings Plans, gp2→gp3 conversions, EC2 scheduling with Lambda + EventBridge, and unused resource cleanup.
- Reduced client AWS bills: \$1,600 → \$1,000/month (RDS type & IOPS optimization) and \$250 → \$150/month (merged workloads, removed underutilized services).
- Cloud Cost Optimization – Implemented right-sizing, Reserved Instances, Savings Plans, and automated scheduling; delivered cost transparency & reporting to stakeholders.
- CI/CD Excellence – Designed and maintained Jenkins pipelines reducing deployment time by 80%, automated build/test/deploy, integrated SonarQube, and enabled zero-downtime deployments.
- Infrastructure as Code – Provisioned reusable AWS infrastructure with Terraform, created parameterized modules, and implemented version-controlled deployments.
- Containerized Deployments – Deployed multiple applications on single servers with Docker, automated image builds to private registries, secured images with Trivy, and used Kubernetes for staging orchestration.
- Application Security – Configured AWS WAF + ALB with custom rules, managed security groups & DNS, integrated GuardDuty, and implemented SIEM-based monitoring.
- Serverless Hosting – Hosted static sites on S3 + CloudFront, integrated Lambda APIs, achieving near-zero hosting cost.
- Web Server Management – Configured Nginx, Apache, and Tomcat for production; optimized SSL/TLS and caching; performed load testing for high performance.
- Monitoring & Observability – Set up Prometheus + Grafana dashboards, integrated AWS CloudWatch alerts, and configured proactive notifications for outages & performance spikes.
- Security & Compliance – Enforced IAM least-privilege, enabled AWS Config for auditing, and performed vulnerability scanning & patching.
- Backup & DR – Automated EBS snapshots, set up cross-region S3 replication, and tested recovery procedures to meet RTO/RPO.
- Networking & DNS – Managed Route 53, designed secure VPC architectures, configured NAT & Internet Gateways, and optimized routing tables.
- Logging & Auditing – Centralized CloudWatch Logs, enabled CloudTrail for activity tracking, and integrated logs into SIEM for real-time insights.
- Automation & Scripting – Built Bash/Python scripts for AWS provisioning, cleanup, and scheduled maintenance tasks.
- Performance Optimization – Optimized EC2 instance/storage configurations, and implemented CDN caching rules.

## 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** : Docker, Kubernetes (Basic), Jenkins, Ansible, SonarQube, Prometheus, Grafana, Uptime Kuma, Trivy
- **Programming Languages** : Python (Basic)
- **Operating System** : Linux (Ubuntu), Windows Server
- **Scripting Languages** : Bash, Python, Groovy
- **Version Control Systems** : Git, GitHub, Bitbucket
- **Continuous Integration/Continuous Deployment (CI/CD)** : Jenkins, GitLab CI/CD
- **Infrastructure as Code (IaC)** : Terraform, AWS CloudFormation (Basic)
- **Database Management System (DBMS)** : MySQL, PostgreSQL, AWS RDS, SQL (Basic)
- **Networking & Security** : AWS VPC, Route 53, Security Groups, IAM, AWS WAF, ALB, GuardDuty, SSL/TLS

## Education

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

2020 - 2024  
CGPA : 7.76