

Vishal Nikam

+91-8390661359 / 8087444797 • nikamvishalbhaskar@gmail.com • www.linkedin.com/in/vishal-nikam/

SUMMARY

A results-driven professional with 2.8 years of experience in DevOps engineering, specializing in the implementation and optimization of **DevOps** practices and **Site Reliability Engineering (SRE)** solutions in the IT industry. I have a proven track record in enhancing system reliability, automating workflows, and refining deployment pipelines to ensure scalable, efficient, and secure infrastructure.

COMPETENCIES/SKILLS

- AWS, GCP, Kubernetes, Terraform, IaC, Ansible, Docker, Jenkins, CI/CD, Git, GitHub Bitbucket, Shell Scripting, Python-boto3, Android Studio, Gradle, Zabbix, Prometheus, Grafana, Disaster Recovery, Backups, Kali Linux, SIEM, SSL, TLS, Kafka, Redis, Postman, ELK, Apache, Nginx, DNS, GoDaddy, Slack, QuickSight, HashiCorp Vault, Security, Hardening, Performance Testing, Monitoring, and Troubleshooting.
- AWS: IAM | EC2 | Lambda | KMS | ELB | ECS | ECR | EBS | EFS | S3 | R53 | RDS | WAF | ACM | AMI | Backups | CloudTrail | CloudWatch | Security Hub | Guard Duty | System Manager | Certificate Manager | CloudFormation | Lightsail.
- Apache2 | SSL | TLS | TCP | REST APIs | DNS | WordPress.
- Server Administration | Troubleshooting | Iptables | Cronjobs.

PROFESSIONAL EXPERIENCE

DevOps Engineer

June 2022 - Present

- Achieved 100% uptime for the **CaptainBiz** billing application by deploying robust monitoring solutions with **Terraform**, ensuring a 100% SLA, and implementing **High-Availability** configurations to enhance system availability and reliability.
- Managed **EKS** and **GKE** clusters using the **AWS CLI**, **Ubuntu Kubectrl**, **Rancher**, and **Ansible** ensuring efficient deployment, scaling, and monitoring of containerized applications.
- Designed and managed deployment strategies on Linux-based systems using **Docker** and **Kubernetes** for container orchestration, and **Terraform** for infrastructure as code (IaC) automation.
- Implemented **Ansible** for configuration management and streamlined deployments via **CI/CD pipelines (Jenkins, GitLab CI/CD)**. Managed cloud infrastructure on **AWS** and **GCP**, optimizing scalability, security, and cost-efficiency across multi-cloud environments.
- **Managed and optimized** Amazon RDS instances for **PostgreSQL** and **MySQL**, ensuring high availability, performance, and security. Ensured **data integrity and security** by managing **IAM roles**, parameter groups, **encryption (KMS)**, and **VPC security groups**.
- Built an **Android application** bundle using Gradle in **Android Studio**, ensuring seamless releases via **Google Play Console**.
- Implemented server compatibility monitoring with **Zabbix**, **Grafana**, and **Prometheus**, resulting in enhanced server performance and optimized resource utilization.
- Led application and infrastructure deployments in collaboration with Dev, Product, and QA team, ensuring seamless releases across multiple environments, including **Test**, **Staging**, **Pre-Production**, and **Production**.
- Strengthened infrastructure security to 95% and mitigated vulnerabilities by evaluating and optimizing **WAF**, **Security Hub**, **Guard Duty**, **CrowdStrike Falcon**, **Nessus (Sec-Fusion, Bizzzy)**, and **Inspector**.
- Streamlined **SSL** certificate management and implemented **security best practices** to enhance overall **infrastructure security** and achieve **compliance**.
- Analyzed business and technical requirements to optimize AWS cloud services, ensuring high availability, failover capabilities, security, performance, and cost efficiency.

EDUCATION

PG Diploma in IT Infrastructure, Systems and Security (CDAC)

IACSD, Akurdi, Pune

B.Tech. in Electrical Engineering

MIT, Chh. Sambhaji Nagar

PROJECTS

- Implemented **High Availability** for WordPress website server using AWS services: Apache2, ELB, EFS, EC2, RDS, ACM etc.
- Implemented **Keyless/Password less SSH** deployments on AWS remote hosts using Ansible, enhancing security, reducing human intervention, and streamlining automations.
- Provisioned and maintained **Terraform** templates, demonstrating expertise in **Infrastructure as Code (IaC)** for streamlined and automated infrastructure management.
- Designed and implemented **Jenkins** pipelines for seamless deployments, integrating **AWS CLI**, **Shell scripts**, and **Docker** to automate and streamline **CI/CD** processes.
- Created **Standard Operating Procedures (SOPs)** and **Architecture Designs** to ensure clarity and efficiency in processes.
- Deployment automations setup for **CaptainBiz** and **Isbasi** projects.
- Setting up **CI/CD pipeline** for Django Todo application.

ACADEMIC PROJECTS

- Host Based Intrusion Detection System Using Wajuh.
- Smart Energy Meter.