

# VISHAL NIKAM

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## PROFESSIONAL SUMMARY

Results-oriented DevOps Engineer with 3 years of hands-on experience in automating infrastructure, implementing DevSecOps practices, and enhancing system reliability in cloud-based environments. Demonstrated expertise in AWS cloud services, Infrastructure as Code (IaC), CI/CD pipelines, system monitoring, and infrastructure security. Proven ability to drive efficient collaboration between development and operations teams, ensuring scalable, secure, and high-availability systems.

## PROFESSIONAL EXPERIENCE

### DevOps Engineer

Logo Infosoft Pvt Ltd. – Navi Mumbai, Maharashtra | May 2023 – Present

- Designed and automated **Disaster Recovery** environments on AWS using **Terraform**, ensuring high availability and fast recovery in case of outages.
- Deployed **Keyless/Password-less SSH access** across AWS hosts via **Ansible**, improving security posture and reducing operational overhead.
- Enhanced real-time infrastructure observability using **Prometheus**, **Zabbix**, and **Grafana**, improving incident response and uptime.
- Strengthened infrastructure security and compliance by implementing and monitoring tools like **AWS WAF**, **Security Hub**, **GuardDuty**, **CrowdStrike**, **Nessus**, and **AWS Inspector**, achieving a 95% reduction in vulnerabilities.
- Automated **SSL certificate management** and enforced **security best practices**, supporting compliance and secure communication across services.
- Built scalable **ETL pipelines using AWS Glue** to automate data extraction and transformation for business analytics.

### Application Engineer

Logo Infosoft Pvt Ltd. – Navi Mumbai, Maharashtra | June 2022 – May 2023

- Proactively monitored application health and performance using **Zabbix**, reducing critical incidents.
- Administered and optimized **PostgreSQL** and **MySQL RDS** databases on AWS for high availability and resilience.
- Secured WordPress environments using **Web Application Firewalls (WAF)**, patch management, and plugin monitoring.
- Set up **Highly Available WordPress servers** using **Apache2**, **ELB**, **EFS**, **EC2**, **RDS**, and **ACM**, ensuring zero-downtime deployments.
- Handled mobile app builds and release cycles using **Android Studio**, **Gradle**, and **Google Play Console**.
- Developed and maintained **CI/CD pipelines in Jenkins**, integrating **AWS CLI**, **Shell Scripts**, and **Docker** for continuous integration and delivery.

# PROJECTS

## 1. DevSecOps:

- **Tools:** GitHub Actions, SonarQube, Docker, Terraform, AWS
- Built an end-to-end pipeline with integrated **static code analysis** and **vulnerability scanning** using SonarQube.
- Ensured secure delivery with shift-left practices for early detection of security flaws.

## 2. Real-Time Threat Detection with Wazuh:

- **Tools:** Wazuh, AWS EC2, ELK Stack
- Deployed and configured **Wazuh** for **log analysis, file integrity monitoring, and intrusion detection**, improving threat visibility across the infrastructure.

## 3. Penetration Testing Simulation:

- **Tools:** Kali Linux, OWASP ZAP, Burp Suite
- Simulated **brute-force and injection attacks** to assess the resilience of application security.
- Identified key vulnerabilities and implemented mitigations based on OWASP recommendations.

## 4. Monitoring:

- **Tools:** Zabbix, ELK, Grafana, Prometheus
- **Integrated Grafana with Prometheus and Zabbix** to visualize real-time system and application metrics like CPU, memory, and disk usage.
- **Created custom dashboards** for EC2 health, RDS performance, and API latency to enable proactive monitoring and performance tuning.
- **Set up alerting with Grafana + Slack & Email** for real-time incident notifications based on threshold breaches in infrastructure metrics.

# TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, RDS, S3, VPC, IAM, ACM, ELB, EFS, Glue, Security Hub, GuardDuty), GCP (Beginner)
- **Infrastructure & Automation:** Ansible, Terraform, Docker, Kubernetes (basic), Shell Scripting
- **CI/CD & DevSecOps:** Jenkins, GitHub Actions, Git, Bitbucket, SonarQube, OWASP ZAP
- **Monitoring & Security:** Prometheus, Grafana, Zabbix, Wazuh, Nessus, CrowdStrike Falcon, AWS Inspector, WAF
- **Web & Tools:** Apache2, WordPress, PostgreSQL, MySQL, Visual Studio Code, Eclipse, Postman, JMeter, JIRA, Agile, GoDaddy

# EDUCATION

- **Post Graduate Diploma in IT Infrastructure, Systems & Security (DITISS)**  
IACSD, Pune – 2022
- **Bachelor of Technology (B.Tech)**  
MIT, Aurangabad – 2018