

Akshay Nazirkar

(DevOps Engineer)

Pune, Maharashtra

f +919096485859 # akshaynazirkar25@gmail.com i <https://www.linkedin.com/in/akshaynazirkar> § <https://Akshay25.hashnode.dev/>

PROFESSIONAL EXPERIENCE

Infosys Limited, DevOps

January 2022 - Present 2024

DevSecOps Engineer (AWS, GCP) Pune

- Managed AWS infrastructure, including services such as EC2, EKS, S3, ECS, IAM, VPC, Route53, CloudWatch, etc.
- Configured and maintained CI/CD pipelines using Jenkins, leading to a 30 percent reduction in deployment times and also troubleshoot deployment errors.
- Implemented blue-green deployment strategies to achieve zero-downtime releases, ensuring seamless user experience during application updates.
- Collaborated with development teams to ensure seamless integration and deployment of new features.
- Experienced in developing and automating infrastructure with Ansible, specializing in creating playbooks, roles and managing complex multi-tier environments.
- Skilled in developing and automating the infrastructure with proficiency in scripting with Python and Bash for configuration management, and system integration, ensuring robust and scalable solutions.
- Proficient in using Terraform for IaC including provisioning, managing, and scaling cloud resources across environments.
- Experienced in containerizing applications using Docker, including creating and managing Docker images, containers, and orchestrating containerized applications with Kubernetes, including deployment, scaling, and management of clusters in production environments.
- Monitoring and Observability using Prometheus and Grafana, with experience in setting up dashboards, alerting, and analyzing metrics. Used Datadog for comprehensive monitoring, logging and performance optimization.
- Experienced in cloud security, specializing in Prisma Cloud for CSPM, and proficient in managing SIEM solutions for threat detection, incident response and continuous security monitoring.
- Integrated security practices into DevOps pipeline, using SonarQube, Sync, Trivy, OWASP.
- Used Jira for tracking efforts, managing tasks, and monitoring project progress, ensuring efficient workflow.
- Working closely with development, operations and security teams to deliver scalable and secure solutions.

Infosys Limited, Linux Environment DevOps

- Worked on end to end process for Code Elevation planning for new release, infrastructure provisioning and production/non-prod deployment work.
- Monitored performance of application environments Cloud and Netcentric using Splunk. Created Alerts and Dashboards for Team and Metrics Planners.
- Created and maintained Ansible inventory files to define and organize web, app, and policy servers for efficient management.
- Worked in Agile team, participating in daily stand-ups scrum, kanban and monthly retrospectives to ensure continuous improvement and effective project management.

Jaya Hind Industries, Pune. Mainframe Support Engineer Jan 2021 - Dec 2021

- Resolving the Mainframe job abends encountered in the daily production and test batch stream.
- Providing support by resolving the tickets created by end users using Jira platform.
- Providing support coordinating with the Applications team which involves analysis, code change and testing
- Automating fixes for frequent job abends.

TECHNICAL SKILLS

DevSecOps : AWS, GCP, Azure, Linux, Git, Jenkins, CI/CD, Terraform, Ansible, Docker, Kubernetes, Maven, Splunk, Datadog, Security Hub, SAST, DAST, CSPM, Prisma Cloud, Qualys VMDR, SIEM, ServiceNow, Nexus, VS code, Python, Bash, YAML, Groovy, Golang, Apache, Nginx, MySQL. ArgoCd, SonarQube, Trivy, OWASP, Sync.

Additional technical Skills: Mainframe technology, COBOL, JCL, DB2, CONTROL-M, BMC-CM, CICS.

CERTIFICATIONS

- AWS Certified Solutions Architect-Associate
- AWS Certified DevOps Engineer - Professional

- Google Cloud Certified Cloud Digital Leader
- Google Cloud Certified Associate Cloud Engineer

PROJECTS

Deployed an E-commerce Three-Tier Application on AWS EKS | AWS, Docker Compose, Kubernetes, Nov 2023

- Deployed a demo e-commerce application on AWS EKS, specializing in robots and AI products. The application included 12 components.
- 8Microservices: Node.js(Express),Java(Spring Boot),Python (Flask),Golang,PHP(Apache), Nginx,AngularJS(1.x),Redis.
- 2 Databases:MongoDB,MySQL
- 1 Messaging Queue and 1 In-memory Data Store.

Terraform Project on AWS | AWS, Terraform, EC2, VPC, NginX Jan 2024

- Utilized Terraform, an IaC tool, to provision resources on AWS. Created a VPC with both private and public subnets.
 - Connected the public subnet to an Internet Gateway. Launched a Linux EC2 instance in the public subnet.
- Configured routing tables for EC2 to Internet Gateway communication.

DevSecOps CICD Pipeline | SonarQube, Trivy, OWASP, AWS, Jenkins May2024

- Integrated SonarQube for continuous code quality and security analysis.
- Used Trivy for container vulnerability scanning in CI pipeline.
- Applied OWASP best practices for security throughout the development lifecycle. Integrated OWASP ZAP for auto testing.

EDUCATION

Marathwada Mitra Mandal College of Engineering, Pune

Bachelor of Engineering, CGPA : 7.55

Tuljaram Chaturchand College, Baramati. Pune

HSC, First Class 71.54 %

Purandhar Public School, Jejuri. Pune

SSC, Distinction 83.64 %
