VISHAKHA PATIL

Pune, Maharashtra, India   patil.vishakha@outlook.com   7666030188

LinkedIn   **Github**

CAREER OBJECTIVE

DevOps Engineer with hands-on experience in Linux, AWS, Docker, Git, Jenkins, CI/CD, Terraform, and Kubernetes. Experienced in working on cloud infrastructure, automation, and deployment pipelines. Passionate about implementing modern DevOps practices and contributing to real-time projects while continuously enhancing technical expertise.

PROFESSIONAL EXPERIENCE

DevOps Intern   **June 2025 – Present**

HisanLabs Pvt. Ltd.   **PUNE,INDIA**

- Gained 9 months of hands-on experience in a DevOps and AWS cloud environment, working on cloud infrastructure, automation, and deployment pipelines.
- Provisioned and managed AWS infrastructure using Terraform and CloudFormation, including EC2, S3, IAM, VPC, EBS, ELB/ALB, Auto Scaling, Route 53, CloudWatch, SNS, and RDS.
- Implemented infrastructure automation using Terraform, managing security groups, IAM roles, key pairs, user data scripts, and networking components.
- Designed, implemented, and maintained CI/CD pipelines using Jenkins integrated with GitHub webhooks for automated build and deployment across environments.
- Created and managed Jenkins jobs, configured plugins, handled credentials, and supported distributed builds using Jenkins master-agent architecture.
- Built, containerized, and deployed applications using Docker and Kubernetes (including basic exposure to AWS EKS).
- Managed Docker Hub repositories, versioned images, and implemented access control.
- Integrated security scanning tools such as Trivy and OWASP into CI/CD pipelines.
- Implemented GitOps-based deployments using Argo CD.
- Configured monitoring and alerting using CloudWatch, Prometheus, Grafana, and Datadog.
- Set up CloudWatch alarms and dashboards to monitor CPU, memory, disk utilization, and application health.
- Supported backup strategies and cost optimization initiatives using S3 lifecycle policies and Glacier storage.
- Administered Linux (Ubuntu) servers for application deployment, system configuration, and ongoing maintenance in a production environment.
- Performed Linux system administration tasks including user and group management, file permissions, package installation, patching, process monitoring, cron job scheduling, disk usage analysis, and troubleshooting.

TECHNICAL   SKILLS :

Cloud: AWS (EC2, VPC, IAM, S3, RDS, ALB, Auto Scaling, CloudWatch)

CI/CD & DevOps: Jenkins, GitHub, Git, Argo CD, Trivy, OWASP

Containers: Docker, Kubernetes, AWS EKS

IaC: Terraform, CloudFormation

Monitoring: Prometheus, Grafana, Datadog, Ansible

OS & Scripting: Linux (Ubuntu), Windows

PROJECTS

End-to-End CI/CD DevOps Pipeline

CI/CD Automation, DevSecOps & Kubernetes Deployment

- **Skills:** Jenkins, GitHub, Docker, Kubernetes (EKS), Argo CD, SonarQube, OWASP Dependency-Check, Trivy, Docker Scout, Prometheus, Grafana, Node Exporter
- **Responsibilities:** Built secure Jenkins CI/CD pipelines, deployed containerized apps to AWS EKS using GitOps, and implemented monitoring with alerts.
- Built Jenkins CI/CD pipelines integrating SonarQube, OWASP Dependency-Check, Trivy, and Docker Scout.
- Containerized applications using Docker and deployed to AWS EKS using GitOps with Argo CD.
- Implemented monitoring and observability using Prometheus and Grafana.

Highly Available 3-Tier Application on Kubernetes

Infrastructure Architecture & Deployment

- **Skills:** Kubernetes, Docker, AWS EKS, Amazon ECR, Deployments, StatefulSets, PV, PVC, HPA
- **Responsibilities:** Designed a highly available 3-tier Kubernetes architecture, containerized applications, deployed databases with persistent storage, and implemented autoscaling with rolling updates.
- Designed a Kubernetes-based 3-tier architecture with frontend, backend, and database components.
- Built custom Docker images, pushed them to Amazon ECR, and deployed applications on Kubernetes using Deployments.

Automated Kubernetes Deployment & Release Management Using Jenkins   (⌂ GitHub)

Jenkins CI/CD, Kubernetes Automation & LoadBalancer Exposure

- **Skills:** Jenkins, Jenkinsfile, Docker, Kubernetes, YAML, AWS EKS, LoadBalancer Service
- **Responsibilities:** Automated Kubernetes cluster operations, application deployments, service exposure, and release management using Jenkinsfile-driven pipelines.
- Created Jenkinsfile pipelines to automate Kubernetes cluster setup and configuration.
- Automated Kubernetes Deployment and Service creation using Jenkins pipelines and declarative YAML manifests.
- Exposed applications externally using the Kubernetes Service of type LoadBalancer.
- Implemented rolling updates through Jenkins to deploy new application versions with zero downtime.
- Automated rollback strategies using Jenkins to restore previous stable releases during deployment failures quickly.

EDUCTION

Bachelor of Technology	Jan 2022 − Jun 2025
Dr. Ashok Gujar Technical Institute (AGTI), Karad	78.60%

CERTIFICATIONS

AWS Cloud Practitioner Essentials — January 2026