

# SANKET CHOPADE

## DEVOPS ENGINEER

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## SUMMARY

Motivated DevOps Engineer with hands-on experience in Linux, AWS, Docker, Kubernetes, Terraform, Jenkins, Git, and GitHub. Skilled in building and managing cloud infrastructure, automating deployments, and implementing CI/CD pipelines. Experienced in AWS services including EC2, VPC, IAM, S3, CloudWatch, ALB, Auto Scaling, CloudFront, Lambda, and EKS through real-world projects. Strong understanding of monitoring, security best practices, and infrastructure reliability. Passionate about DevOps culture, automation, and continuous improvement, with a strong desire to contribute to scalable and production-ready systems.

## EXPERIENCE

### DevOps Engineer Intern – Hisan Labs Private Limited

Jun 2025 - Feb 2026

- Assisted in designing, deploying, and managing AWS cloud infrastructure using EC2, VPC, IAM, S3, RDS, ELB/ALB, Auto Scaling, CloudWatch, Lambda, EKS, and CloudFront to ensure high availability, scalability, security, and performance.
- Performed Linux system administration, including user and group management, file permissions, package installation, process monitoring, disk management, service management, and basic system hardening.
- Implemented Infrastructure as Code (IaC) using Terraform, creating reusable, modular configurations for multi-environment setups (dev, test, prod) while managing state files, variables, outputs, and workspaces.
- Built and maintained CI/CD pipelines using Jenkins, automating build, test, and deployment workflows, and integrating pipelines with GitHub for continuous integration and delivery.
- Used Git and GitHub for version control, branch management, pull requests, code reviews, and collaborative development following Git best practices.
- Containerized applications using Docker, writing optimized Dockerfiles, building images, managing containers, and pushing images to container registries to maintain environment consistency.
- Deployed and managed containerized workloads on Kubernetes, working with Pods, Deployments, Services, ConfigMaps, Secrets, Ingress, and supporting orchestration using Amazon EKS.
- Configured Application Load Balancers (ALB) and Auto Scaling Groups (ASG) to enable fault tolerance, efficient traffic distribution, and automatic scaling based on load.
- Implemented monitoring, logging, and alerting using AWS CloudWatch, creating metrics, dashboards, logs, and alarms to detect and resolve issues proactively.
- Assisted in applying cloud security best practices, including IAM roles and policies, least-privilege access, secure key management, security groups, NACLs, and compliance with organizational standards.
- Designed and managed custom VPC architectures, including public/private subnets, route tables, internet gateways, NAT gateways, and VPC peering for secure networking.
- Deployed static and dynamic content using Amazon S3 and CloudFront, improving performance and reducing latency through CDN integration.
- Supported serverless application development using AWS Lambda, integrating with API Gateway, S3, and CloudWatch while understanding event-driven architecture.
- Automated routine operational tasks using shell scripting, reducing manual effort, improving efficiency, and minimizing human error.
- Documented infrastructure setups, deployment steps, troubleshooting guides, and architectural diagrams; collaborated with teams to resolve issues, apply DevOps best practices, support deployment strategies (rolling, basic blue-green), optimize costs, and continuously improve skills and systems.

## TECHNICAL SKILLS

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<b>Cloud Platforms:</b>	AWS, Azure, GCP
<b>Version Control:</b>	Git, GitHub
<b>Containerization &amp; Orchestration:</b>	Docker, Kubernetes
<b>Monitoring:</b>	CloudWatch, Prometheus, Grafana, Datadog
<b>IAC:</b>	Terraform, Ansible, CloudFormation
<b>CI/CD:</b>	Jenkins, GitHub Actions, GitLab
<b>Scripting:</b>	Bash, Python, Shell Scripting
<b>OS:</b>	Amazon Linux, Ubuntu

## EDUCATION

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**Bachelor of Technology (B.Tech) - Rashtrasant Tukadoji Maharaj Nagpur University** Dec 2021 - June 2025

## Languages

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- English
- Hindi
- Marathi

## Certifications

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DevOps & Cloud Engineering Training – Cloudblitz

## DECLARATION

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I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

Date: -----

Place: Pune, India