

Sanket Chopade

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Professional Summary

DevOps Engineer with hands-on experience in AWS and Azure cloud infrastructure, CI/CD automation, Docker, Kubernetes, and Infrastructure as Code. Proven ability to optimize deployment workflows, improve system reliability, and support scalable, production-ready environments. Strong collaborator in remote teams with a focus on automation, security best practices, and continuous improvement.

Professional Experience

Hisan Labs Private Limited

06/2025 – 02/2026

DevOps Engineer Intern

Pune, India

- Delivered **30% faster release cycles** by implementing CI/CD pipelines using **Jenkins, GitHub Actions, and GitLab CI**, resulting in automated deployment workflows and improved developer productivity across a 5+ member team.
- Optimized **99.9% infrastructure uptime** by managing **AWS cloud infrastructure** (EC2, VPC, IAM, ALB, Auto Scaling, EKS, CloudFront) and applying high-availability and fault-tolerant architecture.
- Reduced manual provisioning effort by **60%** by implementing **Infrastructure as Code (Terraform)** with modular, multi-environment configurations, improving deployment consistency and scalability.
- Improved deployment reliability by **40%** by containerizing applications using **Docker** and deploying workloads on **Kubernetes (Amazon EKS)** with rolling and zero-downtime deployments.
- Strengthened system reliability and incident response time by **35%** by implementing monitoring, logging, and alerting using **AWS CloudWatch**, enabling proactive troubleshooting and root cause analysis.
- Enhanced cloud security posture by enforcing IAM least-privilege policies, secure networking (security groups, NACLs), and compliance-aligned access controls.
- Accelerated application performance by **25%** by deploying static and dynamic content using **Amazon S3 and CloudFront CDN**.
- Automated recurring operational tasks using **Bash and shell scripting**, reducing manual errors and improving operational efficiency in Linux-based production environments.
- Collaborated with cross-functional development teams in a remote-friendly environment to support release management, deployment automation, and continuous improvement initiatives.

Technical Skills

Cloud Platforms: AWS, Azure, GCP

CI/CD: Jenkins, GitHub Actions, GitLab CI, Azure DevOps Pipelines

Containerization: Docker, Kubernetes, Amazon EKS

Infrastructure as Code: Terraform, Ansible, CloudFormation

Monitoring & Observability: CloudWatch, Prometheus, Grafana, Datadog

Version Control: Git, GitHub

Scripting: Bash, Shell Scripting, Python

Operating Systems: Linux, Ubuntu, Amazon Linux

Education

Rashtrasant Tukadoji Maharaj Nagpur University

12/2021 – 06/2025

Bachelor of Technology (B.Tech)

Nagpur, India

Certifications

DevOps & Cloud Engineering Training — Cloudblitz