

UTKARSH NANDURKAR

DevOps Engineer | Site Reliability Engineer (SRE) | Cloud & Automation

Pune, Maharashtra, India
+91 9834187542 | Utkarsh.Nandurkar2@gmail.com

| [GitHub](#) | [Portfolio](#) |

PROFESSIONAL SUMMARY

DevOps / SRE Engineer with hands-on experience in AWS, Docker, Linux, Terraform, and monitoring tools. Strong expertise in CI/CD pipelines, cloud automation, and production support. Skilled in infrastructure management, observability, and incident troubleshooting. Proactive problem-solver with an automation-first mindset and experience working in engineering and on-call environments, with exposure to Azure DevOps and Azure cloud services.

EXPERIENCE

DevOps Engineer with 3 years of experience across AWS, Azure, CI/CD, Kubernetes, and Infrastructure Automation.

DevOps Engineer – Asics Technologies Pvt Ltd Aug 2024 - Present

- Supported CI/CD implementation using **Azure DevOps Pipelines (YAML)** for application builds and deployments.
- Managed source control and release workflows using **Git and Azure Repos**.
- Configured pipeline stages, variables, and service connections for multi-environment deployments.
- Supported deployments on an **existing Kubernetes environment** using **Helm** (value updates, rollbacks).
- Performed basic **Kubernetes operations** and troubleshooting using kubectl.
- Assisted development teams in resolving pipeline and deployment issues.

AWS / DevOps Engineer – Ataloud Oct 2022 – Aug 2024

- Built and maintained **CI/CD pipelines using GitLab CI/CD** for AWS-hosted applications.
- Managed AWS infrastructure including **EC2, ECS, EKS, IAM, VPC, ALB, ECR, S3, and CloudWatch**.
- Containerized applications using **Docker** and supported deployments on **ECS and EKS**.
- Used **Terraform (basic level)** to manage existing infrastructure and perform environment updates.
- Developed **basic Bash and Python scripts** for deployment and operational automation.
- Supported **Helm-based deployments**, rolling updates, and rollbacks on EKS.
- Implemented monitoring using **Prometheus, Grafana, and CloudWatch**.
- Assisted in production support, incident troubleshooting, and release activities.
- Used **basic SQL queries** for deployment validation and production checks.

DEVOPS PROJECTS

AWS Cost Optimization Bot | AWS Lambda + Boto3 + EC2 + EBS

- Built a Python (boto3) automation to detect and clean up unused EC2 instances and unattached EBS volumes.
- Achieved **20–25% AWS cost reduction** in non-production environments.

AWS Infrastructure Automation | Terraform + AWS

- Used **Terraform** to manage and update AWS infrastructure for a basic **2-tier architecture**.
- Performed environment and configuration changes on existing IaC codebases.

Monitoring Stack Implementation | Prometheus + Grafana + AWS CloudWatch

- Implemented a monitoring setup using **Prometheus and Grafana** for application and system metrics.
- Configured **CloudWatch logs and alarms** to track resource health and availability.

CAREER HIGHLIGHTS

- Reduced deployment time by 40% by implementing CI/CD automation and eliminating manual releases
- Achieved 99.9% service uptime using Kubernetes health checks and autoscaling strategies
- Built and managed secure, scalable AWS infrastructure using Terraform (VPC, EC2, IAM, ALB, ECR).
- Improved production stability through infrastructure-as-code practices and automated rollback strategies, reducing manual maintenance effort.

SKILLS

Cloud Platforms: AWS (EC2, VPC, IAM, EKS, S3, RDS, Load Balancer)

Containerization & Orchestration: Docker, Kubernetes (EKS), Helm

CI/CD & Automation: AWS CodePipeline, GitLab CI/CD, Jenkins, GitHub Actions

Monitoring & Observability: Prometheus, Grafana, AWS CloudWatch, CloudTrail

Security & Infra: IAM, AWS Security Hub, GuardDuty

Scripting: Shell Scripting, Python for automation scripts, YAML

Tools: Git, Linux, Jira, Nginx, ECR, ArgoCD

Others: On-Call Support, Troubleshooting, Incident Response

DEVOPS EXPERTISE

- CI/CD PIPELINE AUTOMATION • KUBERNETES DEPLOYMENTS • INFRASTRUCTURE AS CODE (IAC)
- GITOPS • CLOUD INFRASTRUCTURE • AUTO SCALING
- HIGH AVAILABILITY SYSTEMS • OBSERVABILITY & MONITORING • LINUX ADMINISTRATION
- RELEASE ENGINEERING • ON-CALL PRODUCTION SUPPORT • CLOUD NETWORKING (VPC, SUBNETS, ROUTING)
- SECURITY & IAM • DISASTER RECOVERY

EDUCATION

Bachelor of Engineering – PRMIT&R, Badnera | 2022 | CGPA: 9.01

Diploma in Engineering – P.R. Pote, Amravati | 2019 | CGPA: 7.1

CERTIFICATIONS

AWS Cloud Practitioner (CPP)
– May 2022

Certified Kubernetes Administrator (CKA)
– Expected Nov 2025

AWS DevOps Engineer Professional (DOP-C01)
– Expected Nov 2025