

Devanshu Singh

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SUMMARY

Site Reliability and DevOps Engineer with 3+ years of experience in building, automating, and scaling cloud infrastructure on AWS and other platforms. Skilled in Docker, Kubernetes, Terraform, Jenkins, and CI/CD pipelines. Experienced in reducing deployment times by up to 80%, improving reliability to 99.9% uptime, and enhancing operational efficiency through Infrastructure as Code (IaC) and observability practices.

TECHNICAL SKILLS

AWS Resources: EC2, S3, VPC, RDS, VPN, Security Groups, Lambda, EKS, ECS, ECR, ElastiCache, OpenSearch, CloudWatch, Batch, Beanstalk, Athena, DMS, Route53, ELB

Containerization and Orchestration: Docker, Kubernetes, Docker Compose, Helm

CI/CD: AWS CodePipeline, Jenkins, GitLab CI/CD, GitHub Actions, Azure DevOps, ArgoCD

Version Control: Git, GitHub, GitLab

Cloud Platforms: AWS, Azure

Monitoring and Logging: Prometheus, Grafana, ELK Stack, OpenTelemetry (OTel), Datadog

Scripting and Automation: Python, Go, Shell Script, Make

Infrastructure as Code (IaC): Terraform, Ansible

EXPERIENCE

One2n	July 2024 - Present
Site Reliability Engineer - 1	Pune, India
<ul style="list-style-type: none">Built and optimized Docker Swarm and Amazon EKS clusters, improving scalability by 50% and reducing deployment time from hours to minutesIntegrated OpenTelemetry (OTel) for full-stack observability across metrics, logs, and traces; automated Grafana alert creation using Grizzly, cutting setup time by 80% and improving response efficiency by 30%Developed modular Terraform code for consistent multi-environment provisioning; reduced setup time by 60% and deployed a production-grade UAT environment with 50+ microservices in one weekCreated a single Helm chart template for all microservices, eliminating per-service duplication and reducing deployment maintenance by 70%Defined SLIs and SLOs for core product features in collaboration with development teams, improving reliability metrics and service-level compliance by 25%Automated deployments to private datacenter instances using AWS CodePipeline, centralizing workflows and cutting manual effort by 90%Scaled and maintained infrastructure to support growth from 50K to 500K monthly active users, ensuring 99.9% uptime and smooth releases during high loadSupported go-to-market (GTM) activities by optimizing cloud and datacenter deployments for scalability, monitoring, and reliability	
Tudip Technology	June 2022 - June 2024
Associate Software Developer	Pune, India
<ul style="list-style-type: none">Contributed to CI/CD environment setup in Azure DevOps, achieving a 50% faster software delivery cycleImplemented monitoring systems using ELK Stack, Prometheus, and Grafana; enhanced real-time visualization and alerting, reducing downtime by 40% and saving 100+ hours annuallyMigrated legacy workloads to AWS ECS/EKS and Lambda, cutting operational costs by 40% and improving performance by 25%Built CI/CD pipelines using GitLab CI/CD, Jenkins, and Azure DevOps; reduced manual errors by 70% and shortened release cycles from weeks to daysReviewed and tuned alert configurations, reducing false positives by 35% and improving team response time by 20%Implemented proactive maintenance strategies to prevent downtime and improve system resilienceDiagnosed and optimized major infrastructure issues, improving network efficiency by 40% and reducing downtime by 15%, resulting in \$60K annual savings	

INTERNSHIP

Linux World

Aug 2021 - Oct 2021

Intern

- Gained hands-on experience with DevOps tools and cloud technologies, developing foundational knowledge of automation, CI/CD, and infrastructure management

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

July 2023 - July 2026

Validation Number: RWQP6TBC8JREQHSZ