

NAVNEET TOPPO – Senior DevOps Engineer | Site Reliability Engineer

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Results-driven Senior DevOps Engineer with 4.5+ years of hands-on experience architecting and deploying multi-cloud infrastructure (AWS, Azure, GCP) for enterprise-scale operations. Led CI/CD transformations delivering \$3,150–\$3,500 annual cost savings (35% reduction) while managing production Kubernetes clusters (EKS/AKS/GKE) serving 100K+ monthly users. Proven track record mentoring 35+ engineers and leading P1 incident escalations (40% MTTR reduction). Targeting Staff Engineer, Solutions Architect, or Engineering Manager positions at tier-1 consulting firms.

KEY SKILLS

- Multi-Cloud Infrastructure (AWS, Azure, GCP)
- Kubernetes (EKS, AKS, GKE, k3s, OpenShift)
- CI/CD (Azure DevOps, GitHub Actions, Jenkins, ArgoCD, FluxCD)
- Infrastructure-as-Code (Terraform, Terragrunt, CloudFormation, Ansible, Helm, Kustomize)
- Observability & Monitoring (Prometheus, Grafana, ELK, OpenSearch, Jaeger)
- DevSecOps (SonarQube, Trivy, OWASP Dependency-Check, GitHub Advanced Security)
- Incident Management & Reliability Engineering

PROFESSIONAL EXPERIENCE

Softek Bangalore, India

Software Engineer CL2/L3 – Senior DevOps Engineer

June 2025 – Present

- Created and managed PRs in Azure Repos for critical manufacturing applications, reducing deployment errors by 100%.
- Supported **30–40 monthly** incident resolutions (pod failures, service outages, cluster instability).
- Executed k3s cluster upgrades and Longhorn storage upgrades with **zero downtime**.
- Troubled and stabilized RabbitMQ, ClickHouse, and Kafka clusters, improving throughput and reducing downtime by 25–30%.
- Integrated Wix sensors and edge-level monitoring solutions, strengthening predictive maintenance.
- Supported **P1 and P2 incidents** as part of on-call rotations, minimizing downtime for mission-critical applications.

Senior Research Associate – DevOps & Kubernetes

CloudThat | Bangalore, India

Jan 2022 – Nov 2025 (3.5 years; promoted Intern → Research Associate → Senior Research Associate)

- Automated Infrastructure-as-Code deployments using Terraform & Terragrunt, reducing full-stack provisioning time by **60% (3 hours → 1h12m per deployment)** while ensuring environment consistency across **105 monthly** resource provisions (VPC, NAT gateways, EKS clusters, RDS instances, ALB/NLB, IAM baselines, S3 buckets, CloudWatch monitoring) supporting 20+ production applications.
- Engineered high-availability multi-cloud applications spanning AWS, Azure, and GCP serving 100K+ monthly active users; optimized containerized deployments (ECS, Azure Container Instances, Cloud Run) achieving **35% infrastructure cost optimized (\$3,150–\$3,500 annual savings from \$9K–\$10K baseline)** through rightsizing, private endpoints, and reserved capacity planning.
- Designed and deployed **1,000+ enterprise CI/CD** workflows across Azure DevOps, AWS CodePipeline, GitHub Actions, and Jenkins, supporting 40–50 software developers; accelerated deployment velocity **by 65% (90 minutes → 32 minutes average)** enabling **250–300 monthly deployments at 93–97% success rate**.
- Led team of 4 DevOps associates and mentored **35+ engineers** across CloudThat and partner organizations on Kubernetes environment, production hardening, and observability best practices; owned on-call duty lead responsibilities for P1 incident escalations, reducing MTTR by **40% (5 hours → 3 hours)** across **120+ quarterly incidents**.
- Implemented centralized logging and observability stack (ELK, OpenSearch, Fluentd, Prometheus, Grafana, APM, Jaeger) enabling proactive production issue detection and deep infrastructure visibility across multi-tenant environments.
- Embedded enterprise-grade security controls (OWASP Dependency-Check, Trivy, SonarQube, GitHub Advanced Security) into CI/CD pipelines, reducing vulnerabilities **by 70%**, integrated Azure Active Directory for centralized authentication and API access, reducing unauthorized access incidents to zero over 12-month period.

- Established version control governance framework across GitHub, GitLab, Azure Repos, and Bitbucket for 12+ internal teams and vendor partners, improving code traceability for **SOC2/PCI-DSS compliance** audits.

Freelance DevOps Engineer & Cybersecurity Trainer

Brillect | India

Jun 2020 – Dec 2021

- Delivered enterprise Infrastructure-as-Code projects (Terraform, CloudFormation, Ansible) for SMB clients during transition period; completed PG Diploma in Cloud Computing and Information Security.
- Designed and delivered cybersecurity awareness curriculum for **100+ students** over 6-month training program, covering cloud security, IAM, threat modelling, and compliance frameworks.

Co-Founder

Feeding Nation (Non-Profit Organization) | Nagpur, India

Mar 2019 – Present (1–2 hours/week)

- Led fundraising initiatives for ₹1,50,000 annual budget; scaled volunteer base to 30 members; reached 300–400 individuals annually through food security programs across Nagpur.
- Provided free technical training in open-source technologies (OpenRange) to special communities.

TOOLS & TECHNOLOGIES

Scripting Languages: Bash, Python | **Container/Orchestration:** Docker, Kubernetes, K3s, OpenShift, | **Architecture:** Batch Processing, Event Driven, Microservices, Monolith **Version Control:** Git, GitHub, Azure Repo | **Platform:** AWS, Azure, GCP, IBM | **Infrastructure-as-Code & Configuration:** Terraform, Terragrunt, CloudFormation, Ansible, Helm, Kustomize | **CI/CD & DevOps Platforms:** Azure DevOps (Pipelines, Repos), AWS CodePipeline, AWS CodeBuild, GitHub Actions, Jenkins, ArgoCD, FluxCD **DevSecOps & Security:** SonarQube (SAST), Trivy (container scanning), GitHub Advanced Security, OWASP Dependency-Check, AWS Security Hub. | **Monitoring, Logging & Observability:** Prometheus, Grafana, ELK Stack, OpenSearch, Fluentd, FluentBit, AWS Container Insights, APM, Jaeger, AWS CloudWatch, Site24x7

KEY PROJECTS EXECUTED

1. e-Commerce Platform (NDA) 2025

Achievement: Designed compliance-first CI/CD infrastructure (Terraform/Terragrunt, Jenkins, ArgoCD) reducing deployment errors to zero; automated Kubernetes deployments on Amazon EKS with Helm enabling 100% seamless scaling; embedded DevSecOps controls cutting vulnerabilities by 70%; reduced release cycle time by 30% enabling 8 concurrent vendor teams to deploy independently.

2. Petroleum Supply Chain Platform (NDA) Duration 2024

Achievement: Migrated 40–50 microservices from on-premises to AWS; engineered dynamic node scaling reducing infrastructure costs by 35%; embedded enterprise DevSecOps controls ensuring compliance and achieving zero production vulnerabilities for 12 months.

3. Secure Multi-Vendor CI/CD Initiative (NDA) 2025

Achievement: Built secure 1000+ CI/CD pipeline in Azure DevOps supporting heterogeneous stacks; eliminated 100% manual deployment changes with RBAC + vault integration; designed multi-app branching strategy reducing merge conflicts by 75%; integrated SonarQube + Trivy reducing vulnerabilities by 70%; achieved 300–350 monthly deployments with 95–97% success rate (3x improvement).

4. Educational Training Site – AWS Infrastructure Modernization Duration 2023

Key Achievement: Transitioned monolithic architecture to microservices (ECS, Aurora Serverless, ElastiCache, CloudFront) achieving 40% cost savings; applied Terraform + AWS Config reducing manual errors by 95%; implemented centralized ELK Stack reducing MTTR by 40%; established Prometheus + Grafana dashboards reducing alert response time by 35%.

5. IRCTC-CRIS – National Railway Ticketing Platform (Public Sector) 2022

Key Achievement: Designed and deployed Amazon EKS clusters via CloudFormation ensuring 100% adherence to AWS Well-Architected Framework; implemented monitoring (Fluentd, AWS Container Insights) reducing incident resolution time by 35–40%; architected fault-tolerant infrastructure serving 1.5–2M daily users with 99.99% uptime

CERTIFICATION

- Azure Administrator Associate (AZ-104) – Microsoft
- DevOps Engineer Expert (AZ-400) – Microsoft
- Cybersecurity Architect (SC-100) – Microsoft
- Professional Cloud DevOps Engineer – Google Cloud
- Solutions Architect Associate

EDUCATION

- **Master of Computer Applications (Pursuing)** | Lovely Professional University, Jalandhar, India | Expected Graduation: Jun 2026
- **Post-Graduate Diploma in Cloud Computing & Information Security** | RTMNU Nagpur University 2020–2021
- **Bachelor of Computer Applications** | Dr. Ambedkar College | Nagpur, India | 2017–2020 | Score: 64.82%

LEADERSHIP & PROFESSIONAL DEVELOPMENT

AWS PartnerEquip Advanced Training Initiative

Bangalore, India | Mar 2025

Completed advanced AWS DevOps and architecture training program with distinction; hands-on experience across 20+ multi-region design scenarios.

Linux Foundation Open-Source Summit + Embedded Linux Conference Europe

France | Oct 2019 | Role: Volunteer/ Mentor

Engaged with open-source community leaders; contributed to discussions on Kubernetes and container security.

Thought Leadership & Publications

- Published technical blog posts on Medium covering Kubernetes security, CI/CD best practices, and cloud infrastructure automation.
- Active speaker at local DevOps meetups and webinars; 5,000+ LinkedIn followers.
- Contributed to community discussions on container orchestration.

DECLARATION

I solemnly declare that all the information provided above is true and accurate to the best of my knowledge. I assume full responsibility for the correctness and authenticity of the details mentioned.

Place: Bangalore, Karnataka, India

Date: December 3, 2025

Signature: Navneet Toppo