Navneet Toppo

✉ nttoppo55@gmail.com   📱 +91-8668975072

📍 India   📅 31 January, 1997

in navneet-toppo   ⌨ navneettoppo

CAREER OBJECTIVE

— DevSecOps Engineer with a 3.5+ years of experience for automation and cloud technologies. Seeking a role where I can apply my expertise in CI/CD pipelines, container orchestration, and infrastructure as code to optimize development workflows and accelerate time-to-market

WORK EXPERIENCE

— **Sr. Research Associate - DevOps & K8s**   *Bengaluru, India*
CloudThat   *Jan-2022- Present*

- Automated infrastructure deployment with Terraform, cutting provisioning time by 60% and ensuring consistency across environments.
- Developed and maintained a high-availability multi-tier application across AWS, Azure, and GCP, serving over 100K monthly users.
- Integrated Azure Active Directory for secure authentication and API access, enhancing compliance and reducing unauthorized access incidents.
- Designed and implemented 1000+ CI/CD workflows using Azure DevOps, CodePipeline, GitHub Actions, and Jenkins, improving deployment speed by 65% and increasing build success rates.
- Managed production-grade Kubernetes clusters on AKS, EKS, and OpenShift across multiple cloud providers, ensuring reliability for 20+ applications.
- Optimized containerized application deployments with ECS, Azure Container Instances, and Cloud Run, reducing infrastructure costs by 35%.
- Led version control best practices across GitHub, GitLab, Azure Repos, and Bitbucket, improving collaboration and code traceability in distributed teams.
- Embedded security tools like OWASP Dependency-Check, Trivy, SonarQube, and GitHub Advanced Security into CI/CD pipelines, reducing vulnerabilities by 70%.
- Implemented centralized logging solutions using ELK, OpenSearch, FluentD, and APM, enabling proactive production issue detection and cutting MTTR by 40%.
- Built performance monitoring dashboards with Prometheus and Grafana, enhancing system visibility and reducing alert response time by 35%.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS, Azure, GCP
- **IaC and Config:** Terraform, Terragrunt, Ansible
- **CI/CD & DevOps:** Azure DevOps, GitHub Actions, AWS Code(Pipeline, Build), Jenkins, ArgoCD
- **DevSecOps & Security:** Trivy, Prisma Cloud, SonarQube, GitHub Advanced Security, OWASP Dependency-Check
- **Containerization & Orchestration:** Docker, Kubernetes, Amazon EKS, Azure AKS, Google GKE, OpenShift, MicroK8s
- **Version Control:** GitHub, Bitbucket, Azure Repos
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack, Fluentd, OpenSearch, APM, Jaeger

CERTIFICATION

— DevOps Engineer Expert
Microsoft   *Oct 2025*

— Azure Administrator Associate
Microsoft   *Oct 2025*

— Professional Cloud DevOps Engineer
Google Cloud   *Oct 2026*

— Professional Cloud Architect
Microsoft   *May 2026*

— Solutions Architect – Associate
AWS   *Sep 2026*

— Cybersecurity Architect
Microsoft   *12/01/2023*

PROJECTS

QCI *CloudThat 2025*

Built a secure CI/CD pipeline using Azure DevOps to streamline the SDLC.
- Established comprehensive CI/CD & SecOps workflows for .NET, Java, Angular, and more.
- Eliminated manual changes and restricted developer access for enhanced security.
- Integrated SonarQube and Trivy to enforce left-shift security practices.
- Enabled seamless deployment across hybrid environments (Azure VM, Private EC2).
- Designed a branching strategy for multi-app stacks, improving multi-vendor collaboration.
- Reduced release cycle time by 30% through automation.

Technologies Used: Azure Portal, Azure DevOps, AWS, EC2, Azure VM, Sonar, Trivy, .Net, PHP, Js, .Net, Github, Azure Repo.

Gov. e-Commerce (NDA) *CloudThat 2025*

Designed a cost-efficient CI/CD pipeline and infrastructure.
- Applied PR-based GitOps workflows with Terraform & Terragrunt for declarative infrastructure management.
- Streamlined infrastructure pull requests via Atlassian, while Jenkins and ArgoCD handled CI/CD automation.
- Automated Kubernetes deployments with ArgoCD and Helm for scalable EKS applications.
- Enforced security with SonarQube, Trivy, IAM role-based access, AWS Security Hub, and GuardDuty.

Technologies Used: Amazon EKS, EC2, Jenkins, Docker, GitHub, Terraform, Terragrunt, Jenkinsfile, Shared Pipeline Libraries, Jenkins Monitoring and Analytics Plugins, Atlassian.

Gov. Petrolleum (NDA) *CloudThat 2024*

Migrated on-premise workloads to AWS and secured CI/CD lifecycle.
- Migrated on-premise workloads to AWS and implemented a secure CI/CD lifecycle.
- Built automation using AWS CodePipeline, CodeBuild, and FluxCD on EKS.
- Embedded security with SonarQube, Twistlock, AWS Signer, Gatekeeper, and Raffy for compliance.
- Enhanced EKS performance via dynamic scaling and custom node groups.

Technologies Used: AWS CodeCommit, AWS CodePipeline, AWS CodeBuild, Amazon ECR, AWS Signer, Amazon EKS, FluxCD, SonarQube, Twistlock (Prisma Cloud), Terraform, FluentBit, Site24x7, Prometheus, Grafana, Jaeger.

Navneet TopTech *CloudThat 2023*

Revamping AWS Infrastructure using IAC with Best Practices
- Transitioned to a containerized architecture, achieving 40% cost savings via private endpoints.
- Applied Terraform modules, AWS Config, and ECR for efficient provisioning.
- Built an optimized CI/CD pipeline managing 500+ deployments.
- Centralized logging and monitoring with ELK Stack for deep performance insights.

Technologies Used: Terraform, VPC, RDS Aurora Serverless, ECS, Elasticache, S3, CloudFront, MQ, CloudWatch, AWS Config, SNS, AWS Certificate Manager, ECR, CodeBuild, CodePipeline, ELK.

IRCTC-CRIS *CloudThat 2022*

Creating and Deploying EKS Cluster with Best Practices
- Designed and deployed an Amazon Elastic Kubernetes Service (EKS) cluster using CloudFormation templates while ensuring adherence to best practices.
- Implemented comprehensive monitoring with Fluentd and AWS Container Insights for a well-managed Kubernetes environment.
- Established robust observability using AWS CloudWatch, enhancing visibility into cluster performance and health.

Technologies Used: Amazon EKS, EC2, AWS CloudFormation, Fluentd, AWS Container Insights, AWS CloudWatch, VPC, IAM

IRCTC-CRIS *CloudThat 2022*

Creating and Deploying EKS Cluster with Best Practices

- Designed and deployed an Amazon Elastic Kubernetes Service (EKS) cluster using CloudFormation templates, following best practices for scalability and security.
- Implemented robust monitoring using Fluentd and AWS Container Insights for real-time observability.
- Enhanced visibility and performance tracking through AWS CloudWatch, ensuring a well-managed Kubernetes environment.

Technologies Used: Amazon EKS, EC2, AWS CloudFormation, Fluentd, AWS Container Insights, AWS CloudWatch, VPC, IAM

EDUCATION

Master in Computer Application

Lovely Professional University *2024-26*
Pursuing *Jalandhar, India*

Bachelor of Computer Application

Dr. Ambedkar College Nagpur *2017-20*
64.82% *Nagpur, India*

OPPORTUNITY & EXTRA EXP.

— Feeding Nation (NPO) *Co-Founder*
Mar 2019 - Present *Nagpur, India*

— AWS PartnerEquip
Mar2025 *Bengaluru, India*

— Linux Foundation at Open-Source Summit + Embedded Linux Conference Europe.
Oct-2019 *France*

DECLARATION

I solemnly declare that all the above-mentioned information is free from error to the best of my knowledge and I bear the responsibilities for the correctness of the above-mentioned particulars.

Place : Bangalore, Karnataka, India
Date : 30 May 2025 [Navneet Toppo]