



# Navneet Toppo

I am professional with passion for DevSecOps Engineer. Skilled in leveraging cutting-edge tech to drive organizational growth. Strong expertise in DevOps and cloud platforms with deep understanding of security. Committed to continuous learning and bringing value to team.

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📍 India

📅 31 January, 1997

in navneet-toppo

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## CAREER OBJECTIVE

To be associated with a dynamic and progressive organization that will allow me to utilize my abilities and qualifications in the field to add value to the organization while providing me with opportunities for growth.

## WORK EXPERIENCE

### Sr. Research Associate - DevOps & K8s

CloudThat

Jan-2023- Present

Bengaluru, India

- Automated infrastructure deployment using Terraform.
- Developed and maintained a multi-tier web application on AWS, Azure, and GCP.
- Integrated Azure Active Directory for authentication, authorization, and API integration.
- Implemented CI/CD workflows with Azure DevOps, CodePipeline, Github Actions and Jenkins.
- Deployed and managed Kubernetes clusters on AKS, EKS, OpenShift, and across multiple cloud providers including GCP, AWS, and Azure.
- Deployed containerized applications using AWS ECS, Azure Container Instances, and Google Cloud Run.
- Utilized version control systems such as GitHub, GitLab, Azure Repository and Bitbucket.
- OWASP Dependency-Check and Trivy for vulnerability scanning, and SonarQube and GitHub Advanced Security for code scanning.
- Set up logging systems using ELK, OpenSearch, FluentD and APM.
- Monitoring systems using Prometheus and Grafana.

## TECHNICAL SKILLS

### Cloud Technology

- AWS
- AZURE
- GCP

### Virtualization

- VMware Workstation
- Virtual Box
- vSphere

### DevSecOps

- Azure DevOps
- AWS Code(Pipeline,Build, Deploy)
- Terraform/Terragrunt
- Jenkins
- Trivy/Prisma
- Sonar

### Containerization

- AKS, EKS, GKE
- AWS ECS
- Kubernetes
- OpenShift
- MicroK8s

## CERTIFICATION

### — DevOps Engineer Expert (AZ-400)

Microsoft

18/10/2024

### — Azure Administrator Associate (AZ-104)

Microsoft

18/10/2024

### — Professional Cloud DevOps Engineer

Google Cloud

12/09/2024

### — Professional Cloud Architect

Microsoft

12/01/2023

### — Solutions Architect – Associate (SAA-C03)

AWS

09/09/2023

### — Cybersecurity Architect (SC-100)

Microsoft

12/01/2023

## PROJECTS

QCI

CloudThat 2025

### Implementation of CI/CD using Azure DevOps

The objective of this project is to establish a robust Continuous Integration/Continuous Deployment (CI/CD) pipeline utilizing Azure DevOps as the core platform. This initiative aims to enhance our software development lifecycle by improving collaboration, streamlining operations, and bolstering security.

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

Gov. e-Commerce (NDA)

CloudThat 2025

### Implementation of CI/CD using OpenSource

The objective of this project is to establish a robust Continuous Integration/Continuous Deployment (CI/CD) pipeline utilizing Amazon Elastic Kubernetes Service (EKS) and GitOps as the core platforms. This initiative aims to enhance our software development lifecycle by improving scalability, security, and operational efficiency across all verticals. The project also aims to achieve a 35% cost optimization and improve infrastructure

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

Gov. Petrolleum (NDA)

CloudThat 2024

### Migrating On-Prem Workloads to AWS

The objective of this project is to migrate on-premises workloads to AWS, leverage AWS services to automate and secure the software development lifecycle. I utilize CodePipeline for CI/CD, integrating SonarQube, Twistlock, and AWS Signer for code quality and security. Deployments are automated with FluxCD on EKS, using Gatekeeper and Ratify for policy enforcement. I also optimize EKS performance with 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 Terraform with Best Practices

The objective of this project is to revamp the AWS infrastructure and CI/CD processes using Terraform and AWS CodePipeline, adhering to best practices to enhance efficiency, scalability. This initiative includes assessing the current infrastructure, implementing a new architecture for containerization, and setting up various AWS services. The project aims to achieve a 40% cost optimization and improve infrastructure by converting all public services to private according to application requirements.

**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

The objective of this project is to create and deploy an Amazon Elastic Kubernetes Service (EKS) cluster using CloudFormation templates, adhering to best practices. Additionally, the project includes implementing comprehensive monitoring using Fluentd and AWS Container Insights to ensure a robust and well-monitored 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  
Pursuing

2024-25  
Jalandhar, India

### Bachelor of Computer Application

Dr. Ambedkar College Nagpur  
64.82%

2017-20  
Nagpur, India

### 12<sup>th</sup> HSC

Elite Science Academy  
47% Percentage

2017  
Nagpur, India

### 10<sup>th</sup> CBSE

Kendriya Vidyalaya  
5.8 CGPA

2011-13  
Solapur, India

## STRENGTH

Collaborative

Resourceful

Innovative

Strategic

Adaptable

## OPPORTUNITY & EXTRA EXP.

### Feeding Nation (NPO)

Mar 2019 - Present

Co-Founder  
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 : 02 Feb 2025

[Navneet Toppo]