

NITIN TILWANI

Senior DevOps Engineer - CARS24 Services Private Limited.

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EXPERIENCE

CARS24.com

Software Engineer - 2

March 2025 - present

Gurugram

- Built an in-house **DevOps team**, replacing third-party vendor.
- Led migration of CI/CD platforms (**TeamCity, Jenkins, BuildPiper** → **GitHub Actions**), unifying pipelines across **4 legacy systems**.
- Migrated core infrastructure from **GCP to AWS** with **zero downtime**, optimizing workloads across services.
- Migrated all **RDS instances to Graviton**, achieving **30-40% cost reduction and improved performance**
- Migrated **200+ production services from ECS to EKS** with **no downtime**, standardizing container orchestration.
- Enabled **S3 Intelligent Tiering** across regions and introduced **VPC Endpoints for Datadog** to reduce costs.
- Achieved **>20% AWS/GCP cost reduction in under 60 days** through infra right-sizing and optimizations.
- Executed **SSO AWS migration** during billing partner transition, ensuring seamless access control.
- Resolved recurring **disk alert issues** by implementing **Docker log rotation** and reducing **EBS usage from 150GB → 50GB**.
- Reduced container **startup time & image sizes** by switching from Ubuntu to **Alpine**, shrinking images from **2.8GB → 300MB**.
- Implemented a **meeting summarization system**, improving **team productivity and decision tracking**.

Nykaa E- Retail Private Limited

Software Engineer - 1

June 2023 - February 2025

Gurugram

- Successfully optimized web performance and caching strategies by configuring and fine-tuning the Varnish server.
- Streamlined infrastructure provisioning and management by leveraging Terraform to create **ECS React services**.
- Led migration of services to **Graviton** instances, optimizing resource utilization and reducing operational expenses.
- Leading the routing of all JavaScript **chunks** to an ECS service from CloudFront S3, enhancing content delivery.
- Creating **ECS** services, ensuring precise configuration and resource allocation.

Auriga IT Consulting Pvt. Ltd

Associate Software Engineer

October 2021 - June 2023

Jaipur

- Created UAT, development, and production environments, automating CI/CD pipelines in Bitbucket and GitHub deployments.
- Migrated the Salesforce PI database to Hadoop using Apache NiFi, resulting in cost savings and faster data processing.

SUMMARY

- DevOps Engineer** with expertise in architecting and implementing AWS and GCP cloud solutions, specializing in automation, CI/CD, monitoring, and cost optimization for enterprise-scale infrastructure.
- Goal-oriented professional with strong troubleshooting, analytical, and communication skills, capable of driving initiatives independently and collaborating effectively within cross-functional teams.

TECHNICAL SKILLS

Containerization: Docker, Kubernetes, ECS, EKS/GK

Infrastructure as Code: Terraform

CI/CD: GitHub Actions, Jenkins, TeamCity, BuildPiper

Automation/Scripting: Bash, Python, Groovy

Cloud Platforms: AWS, GCP

Operating Systems: Linux

STRENGTHS

Smart-working

Time Management

Team Player

Quick Learner

Problem Solving

Analytical Thinking

Strong work ethic

EDUCATION

B.Tech Computer Science

Poornima Institute of Engineering and Technology, Jaipur

Aug 2018 - Aug 2022

CGPA: 8.06

Intermediate

Samrat Public School

2016 - 2018

Ajmer, Rajasthan

Matriculation

Maheshwari Public School

2014 - 2016

Ajmer, Rajasthan

CERTIFICATES

Red Hat® Certified Engineer | RHCE | EX294