

HITESH THANDEL

Senior DevOps Engineer | Gurgaon, India | LinkedIn | GitHub

SUMMARY

Senior DevOps / Platform Engineer with 5+ years of experience designing, scaling, and operating high-availability cloud infrastructure for **OTT platforms and AI workloads**. Proven ownership of **GPU infrastructure, Kubernetes-based platforms, and production systems serving 10M+ users**. Known for **50-70% cloud cost reduction**, reliable CI/CD automation, and handling extreme traffic spikes (50-100×). Strong focus on reliability, scalability, and pragmatic automation.

EXPERIENCE

Senior DevOps Engineer — Spyne (Eventila Pvt. Ltd.), Gurgaon, India | Feb 2024 - Present

- Designed, deployed, and operated **GPU-based AI infrastructure** supporting large-scale image and video processing workloads
- Built **custom auto-scaling mechanisms for GPU servers**, reducing infrastructure costs by **50-70%** while sustaining **50-100× traffic spikes**
- Implemented and maintained **CI/CD pipelines using Jenkins and Terraform** for GPU, ECS, and containerized workloads
- Owned production systems including **Kafka (MSK), MongoDB, Debezium, Metabase**, with end-to-end monitoring via **Prometheus and CloudWatch**
- Led infrastructure coordination across **AI, backend, and frontend teams**, ensuring stable and predictable production releases
- Improved system reliability through **proactive alerting, automation, and infrastructure-as-code practices**

Senior DevOps Engineer — To The New, India | Apr 2020 - Apr 2023

- Operated and scaled **OTT infrastructure serving 10M+ users** with sustained throughput of **10K+ TPS**
- Automated application deployments using **Kubernetes (EKS), Jenkins, and AWS Lambda**
- Led **EKS cluster upgrades**, zero-downtime production releases, and large-scale infrastructure migrations
- Implemented centralized **monitoring and logging** using **Prometheus, Grafana, and ELK stack**
- Supported **high-traffic live events** including IPL matches and national political broadcasts with cost-efficient scaling strategies
- Mentored junior DevOps engineers and contributed to long-term platform stability and operational best practices

DevOps Trainee — To The New, India | Oct 2019 - Mar 2020

- Supported ECS-based application deployments and backend services including **MongoDB, RabbitMQ, and Elasticsearch**
- Built **Jenkins pipelines and AWS Lambda automations** for operational workflows
- Implemented application logging and monitoring using **CloudWatch and ELK stack**

KEY ACHIEVEMENTS

- Migrated production workloads from **amd64 to AWS Graviton**, achieving **~40% cost savings**
- Built an **in-house GPU cluster for AI inference**, reducing processing costs by **5×**
- Segregated production and non-production AWS accounts with **zero downtime**, improving security and governance
- Designed and delivered scalable infrastructure for **national-scale live events** (IPL matches, PM speeches)

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EKS, ECS, EC2, GPU Instances, VPC, IAM)

Infrastructure as Code & CI/CD: Terraform, Jenkins, Git, Helm

Containers & Orchestration: Docker, Kubernetes

Monitoring & Logging: Prometheus, Grafana, ELK, CloudWatch

Datastores & Messaging: MongoDB, MySQL, Kafka, RabbitMQ, Redis

Languages: Python, Shell, Java (working knowledge)

EDUCATION

Bachelor of Technology — Computer Science Engineering

GLA University, Uttar Pradesh | 2016 – 2020