

# ANKIT PATEL DevOps Engineer

 a.ankitpatelo1@gmail.com  +919690872353  Noida, Uttar Pradesh, India 201301  
 linkedin.com/in/ankitpatelo1  aankitpatel

## PROFILE

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Experienced DevOps Engineer (5+ years) skilled in CI/CD automation, container orchestration (Docker, Kubernetes, ECS), and multi-cloud infrastructure (AWS, GCP). Proven ability to deliver secure, scalable, and zero-downtime deployments with strong focus on automation and reliability.

## CORE TECHNICAL SKILLS

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### Cloud Platforms

AWS (EC2, ECS, RDS, S3, ElastiCache, CloudWatch, Auto Scaling), Google Cloud Platform (GCP), DigitalOcean

### CI/CD & Automation

Drone-CI, GitHub Actions, Jenkins, GitLab CI/CD, Terraform, Ansible

### Operating Systems

Linux/UNIX (RHEL, Ubuntu, CentOS), Shell Scripting, System Administration

### Programming & Scripting

Bash, Python, YAML, Infrastructure as Code (IaC)

### Load Balancing & Networking

Nginx, Apache, HAProxy, DNS, DHCP, VPC Configuration

### Containerization & Orchestration

Docker, Docker Compose, Amazon ECS, Kubernetes

### Monitoring & Logging

New Relic, Prometheus, Grafana, CloudWatch, ELK Stack

### Databases

MySQL, PostgreSQL, Redis, OpenSearch, Database Optimization

### Web Technologies

Ruby on Rails, Node.js, Python FastAPI, React, Angular, WebSocket, Spree Commerce

## PROFESSIONAL EXPERIENCE

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### DevOps Engineer, W3VILLA TECHNOLOGY

07/2021 – Present

Noida, India

- Led complete DevOps lifecycle for 20+ gaming and web projects, acting as sole DevOps engineer.
- Implemented CI/CD pipelines with automated testing, vulnerability scanning, and blue-green and rolling-update deployment for zero-downtime releases.
- Migrated large-scale apps from EC2 → ECS, reducing costs by 40% and deployment time by 85%.
- Managed multi-cloud strategy (AWS ↔ GCP) and containerized microservices with intelligent autoscaling.
- Integrated DevSecOps practices for proactive threat detection and compliance enforcement.

### Linux System Administrator, ASPIRIFY ENTERPRISES PRIVATE LIMITED

08/2020 – 01/2021

Delhi, India

- Administered 50+ Linux production servers with 99.8% uptime.
- Automated provisioning and security hardening via Bash scripting, reducing manual effort by 60%.
- Optimised web and database clusters (Apache, Nginx, MySQL, PostgreSQL) for high availability.

### Linux Server Administrator, COST2ACTION

06/2019 – 08/2020

Noida, India

- Managed multi-server Linux infrastructure and automated deployments improving reliability by 70%.
- Configured HAProxy load balancing, DNS/DHCP, and developed monitoring scripts for performance tracking.

## KEY PROJECTS

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### **Enterprise Gaming Platform Migration:**

Led migration of a real-time multiplayer gaming platform with 20+ microservices from EC2 to ECS. Implemented blue-green and rolling-update deployments, automated CI/CD with Drone-Cl, and integrated Terraform and NewRelic for monitoring. Achieved zero downtime, 85% faster deployments, and 40% cost savings.

### **E-Commerce Platform Optimization:**

Scaled high-traffic e-commerce application on AWS using auto-scaling, RDS optimization, and GitHub Actions CI/CD. Delivered zero-downtime deployments, improved page load speed by 60%, and enabled 5x traffic scalability.

### **Multi-Environment Startup Infrastructure:**

Designed reusable IaC templates using Terraform and Docker to standardize AWS/GCP environments. Automated provisioning for development, staging, and production, cutting setup time by 80% and ensuring cost-efficient scalability.

### **Internal Product Development Platform:**

Built multi-cloud containerized architecture for CRM, e-commerce, and automation tools. Automated build and deployment workflows, enabling rapid product delivery and reducing release cycles by 70%.

## Recognition

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- **Most Consistent Performer**, 2022-W3Villa Technology
- **Star Performer**, 2021-W3Villa Technology

## CERTIFICATIONS & TRAINING

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**Certified Kubernetes Administrator (CKA)**  
Cloud Native Computing Foundation

**Red Hat Certified System Administrator (RHCSA)**  
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## EDUCATION

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**Bachelor of Science (Physics, Chemistry, Mathematics),**  
Mahatma Jyotiba Phule Rohilkhand University

2015 – 2018