

AJAY PANDEY

DevOps Engineer | AWS & GCP Cloud Infrastructure | CI/CD | Docker | Kubernetes | IaC

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PROFESSIONAL SUMMARY

DevOps Engineer with 5 years of IT experience and 2.5+ years in cloud infrastructure automation, CI/CD pipeline design, and containerisation. Delivered **40% faster releases**, **60% faster provisioning**, and a **30% reduction in incident response time** across production environments, including a full AWS-to-GCP migration that cut cloud costs by 30%. Currently expanding expertise in Kubernetes and Terraform IaC, with a focus on reliability, security hardening, and cross-team delivery.

CORE COMPETENCIES

AWS & GCP Cloud Infrastructure • CI/CD Pipeline Design & Automation • Docker & Containerisation • Kubernetes (Deployment & Auto-scaling) • Terraform (Infrastructure as Code) • Linux Server Administration • Monitoring & Observability • Security Hardening & IAM • Database Administration (MySQL, MongoDB Atlas) • Version Control (Git/GitHub) • Root Cause Analysis & L2/L3 Support

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, VPC, IAM, ECS, RDS, Route53, CloudWatch, Secrets Manager), GCP

CI/CD Tools: Jenkins, GitHub Actions, AWS CodePipeline

Containerisation: Docker, Amazon ECR, Docker Hub

Container Orchestration: Kubernetes (deployment, auto-scaling, service management), Helm, ArgoCD

Infrastructure as Code: Terraform — provisioning and automation

Monitoring & Logging: Prometheus, Grafana, Loki, CloudWatch

Security: IAM least-privilege, NGINX hardening, Cloudflare WAF, HTTPS/SSL, DDoS mitigation

Databases: MySQL (backup, replication), MongoDB Atlas (monitoring)

Networking: VPC, Load Balancers (ALB/NLB), DNS, Cloudflare CDN

Scripting & VCS: Bash, Git, GitHub, Bitbucket

Operating Systems: Linux (RHEL/Ubuntu/Debian), Windows Server

PROFESSIONAL EXPERIENCE

Associate DevOps Engineer

Jun 2023 – Jun 2025

Oodles Technology, Gurugram, India

Client Project: Webydo — SaaS Web Platform (Tel Aviv, Israel)

- Managed DevOps operations for a .NET and JavaScript SaaS platform with **10+ servers** across Linux, Windows, and media-specific environments, ensuring **99%+ platform availability**.
- Designed and maintained Jenkins CI/CD pipelines for frontend and backend services, reducing manual deployment time by **75%**.
- Led cloud migration from AWS to GCP, optimising uptime and reducing cloud costs by **30%**, while re-architecting workloads for improved performance.
- Configured NGINX and load balancers for efficient traffic routing, low-latency backend access, and resilient regional failover.
- Administered MySQL databases (backups and replication), ensuring data integrity across production workloads.
- Managed Git repositories and enforced GitFlow branching strategies for streamlined collaboration across **5+ developers**.
- Provided L2/L3 infrastructure support — diagnosing deployment failures, conducting root cause analysis, and resolving incidents with minimal downtime.
- Configured Cloudflare for DNS, CDN caching, and application-level security, reducing attack surface and improving page load performance.

Client Project: HedgeX — Crypto Trading Platform (Dubai) — Feb 2024 – Aug 2024

- Optimised AWS infrastructure (EC2, S3, Load Balancers, VPC) for scalability and high availability, reducing operational costs through efficient resource utilisation.
- Administered **20+ Dockerised microservices** on a live crypto trading platform, focusing on uptime, container health monitoring, and zero-downtime deployments.
- Built and maintained Jenkins CI/CD pipelines for automated build, test, and deployment workflows, improving deployment reliability.
- Deployed and managed containerised applications on Kubernetes, supporting auto-scaling and improving system efficiency.
- Implemented full-stack observability using Prometheus, Grafana, and AWS CloudWatch, maintaining **99.9%+ uptime** and enabling faster incident detection.
- Managed MongoDB Atlas — overseeing backups and performance monitoring for high-frequency trading data.
- Set up centralised logging with Loki, integrated with Grafana dashboards, reducing mean-time-to-diagnose (MTTD) by **45%**.
- Strengthened security via NGINX hardening, Cloudflare WAF, HTTPS/SSL, and IAM least-privilege policies — mitigating DDoS, SQL injection, and XSS risks.

Assistant Consultant – DevOps

Apr 2022 – Jun 2023

Adda247, New Delhi, India

- Managed AWS cloud services including IAM role management, VPC, EC2, and S3, supporting **5+ product teams** with secure access control and infrastructure provisioning.
- Deployed and maintained Dockerised applications and Jenkins CI/CD pipelines, improving release consistency across environments.
- Monitored Linux server health (CPU, disk, RAM) using CloudWatch and Bash scripting, maintaining **99.5%+ server uptime** and proactively resolving performance bottlenecks.
- Collaborated with development teams to establish deployment standards and Git branching strategies, improving cross-team delivery cadence and reducing environment drift.

CERTIFICATIONS

- **AWS Educate: Getting Started with Serverless** — Amazon Web Services (AWS) | Oct 2025
- **AWS Educate: Machine Learning Foundations** — Amazon Web Services (AWS) | 2025
- **JCHNE+ Certification** — Jetking Infotrain

EDUCATION

- **Diploma in DevOps Tools** — NetworkNuts Institute, New Delhi | 2020
- **Diploma in Computer Hardware & Networking** — Jetking Infotrain, New Delhi | 2018
- **Bachelor of Arts (B.A.)** — Allahabad University, Prayagraj | 2016