

Ankit Kumar Pandit

Senior DevOps Engineer & Infrastructure Architect

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Professional Summary

Results-driven DevOps Engineer and Infrastructure Architect with 3+ years of experience owning end-to-end AWS infrastructure for Web3 SaaS platforms. Specialized in Kubernetes at scale, serverless architecture, and GitOps-driven infrastructure management using Terraform and GitHub Actions. Hands-on expertise across the full Web3 stack — RPC/blockchain nodes, indexers, subgraphs, wallet/key infrastructure, and smart contract deployments. Proven track record of reducing infrastructure costs, eliminating manual interventions, and building reliable, auditable systems that scale confidently across multi-tenant environments.

Experience

Senior DevOps Engineer

Zebece Network — Web3 | Aug 2024 – Present

- Sole DevOps owner driving infrastructure roadmap, incident response, capacity planning, and cross-team collaboration across a dual-purpose Web3 SaaS platform.
- Managed Kubernetes clusters at scale — handling auto-scaling, workload scheduling, namespace isolation, resource optimization, and zero-downtime cluster upgrades — achieving 99.9%+ uptime.
- Architected and scaled multi-tenant AWS infrastructure with strict namespace and network isolation across all environments (dev, staging, production), supporting both internal product and SaaS customers.
- Deployed full-stack Web3 applications using blue/green and canary release strategies, eliminating downtime across containerized and serverless layers.
- Established full-stack observability across Kubernetes, blockchain nodes, serverless functions, and application layers using Datadog — including centralized alerting, dashboards, and runbooks.
- Drove measurable infrastructure cost reduction through right-sizing, spot instance strategies, and automated resource cleanup.

DevOps Engineer

iBriz.ai — Web3 | June 2022 – July 2024

- Designed and implemented fully automated CI/CD pipelines using Jenkins and GitHub Actions, reducing average deployment time by ~60% and cutting infrastructure-related costs.
- Provisioned and managed cloud infrastructure on AWS (EC2, S3, IAM, CloudFront, SNS, Lambda, ECS) using Terraform, ensuring consistent, repeatable environments across teams.
- Managed container orchestration using Docker and AWS ECS, enabling reliable workload management at scale.
- Automated configuration management with Ansible, reducing manual server setup and configuration drift.
- Collaborated with development teams to enforce best practices around security, scalability, and observability.

Blockchain Engineer

iBriz.ai — Web3 | Aug 2021 – June 2022

- Developed and deployed smart contracts using Solidity and Python for DeFi products.
- Built a QA testing framework in Jupyter Notebook, improving smart contract test coverage and reliability.
- Contributed to DeFi product development, gaining deep understanding of on-chain mechanics and Web3 architecture.

Key Project

- **GitOps Infrastructure Platform** — Designed and implemented a fully GitOps-based infrastructure platform using Terraform and GitHub Actions. All AWS infrastructure changes are driven through pull requests — automating *terraform plan* on PR creation for peer review and *terraform apply* on merge. Established a single source of truth for infrastructure state, eliminated manual interventions, reduced configuration drift, and enabled consistent, auditable provisioning across all environments at scale.

Skills

Cloud Platforms	AWS (EC2, S3, IAM, CloudFront, Lambda, SNS, ECS, EKS), GCP
Container Orchestration	Kubernetes (EKS), Docker, Amazon ECS, Helm
Infrastructure as Code	Terraform, Ansible, Helm Charts
CI/CD & GitOps	GitHub Actions, Jenkins, GitLab CI, ArgoCD
Observability & Monitoring	Datadog, Prometheus, Grafana, CloudWatch, Lens, PagerDuty
Security & Networking	IAM, VPC, Security Groups, Nginx, SSL/TLS, WAF
Web3 & Blockchain	Solidity, Smart Contracts, RPC Nodes, Subgraphs, DeFi
Scripting & Languages	Python, Bash, Go, JavaScript / TypeScript (NestJS, NodeJS)
Developer Tools	Git, GitHub, GitLab, Notion, Jira

Certifications

- **Google Cloud Professional Cloud Architect** — Google Cloud
- **Certified Ethical Hacker (CEH)** — EC-Council
- **Blockchain Specialization** — Coursera
- **AWS Solutions Architect** — AWS Skillbuilder (Training)

Education

Bachelor of Computer Science and Engineering

Lovely Professional University | 2017 – 2021

Coursework: Data Structures, Algorithms, Databases, Computer Networks, Cyber Security, Blockchain

Research: JETIR — Smartphone-based Application for Assisting Alzheimer's Patients

Achievements

- **Smart India Hackathon 2020** — Internal Winner