Anish Kumar

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Professional Summary

Cloud & DevOps Engineer with 2+ years' experience delivering resilient, scalable solutions in AWS leveraging Kubernetes, Terraform, Jenkins, and modern monitoring. Achieved significant business value via cost optimizations, security compliance, and rapid incident resolutions. Passionate about automation, collaboration, and adopting industry best practices.

Technical Skills

- **Cloud Platforms**: AWS (EC2, EKS, ECR, S3, CloudWatch, Lambda, VPC, Batch, API Gateway), familiar with Azure, GCP
- **Infrastructure as Code**: Terraform, basic Ansible
- **Containerization & Orchestration**: Docker, Kubernetes (EKS, Minikube), Helm
- **CI/CD**: Jenkins, basic GitHub Actions, pipeline integration to AWS/K8s
- **Monitoring & Logging**: Prometheus, Grafana, Loki, Thanos
- **Security & Networking**: IAM, VPC, Security Groups, AWS Secrets Manager, basic compliance auditing
- **Scripting & Tools**: Python, Bash, Git
- **Other**: Linux Admin, Nginx, YAML, GitOps (learning ArgoCD)

Professional Experience

Associate Product Engineer   Inovaare Cloud Solutions, Bhubaneswar, India   Aug 2023 – Present

- Architected scalable, cost-efficient monitoring stack with Prometheus, Grafana, Thanos, and Loki; improved incident resolution speed by 40% and cut annual infrastructure costs by 15% through resource optimization and rightsizing.
- Deployed and managed microservices on AWS EKS using dynamic Kubernetes manifests with rollback automation, maintaining 99.99% application uptime and enabling frequent, error-free releases.
- Led Docker adoption for application packaging, pushing over 30 images to AWS ECR, enhancing deployment consistency across dev, staging, and prod.
- Automated provisioning and teardown of cloud infrastructure using Terraform, reducing development environment setup time by 30% and ensuring full auditability and compliance.
- Collaborated with developers, QA, and ops to resolve SRE tickets, present postmortem analyses, and document key workflows for onboarding and knowledge sharing.
- Implemented IAM roles and security group best practices, supporting access control audits and compliance initiatives.

Projects

AWS Infrastructure Automation with Terraform and Jenkins   GitHub   May 2025

- Developed reusable Terraform module to provision EC2, Minikube, and a secure Jenkins server for Teams CI/CD automation; reduced manual set up by 50%.
- Integrated Jenkins pipelines with Kubernetes for zero-downtime deployments and full rollback on failures, cutting deployment frequency from weekly to daily.
- Adopted security best practices including least privilege IAM, restricted SGs, and secrets management to pass internal compliance reviews.

Centralized Logging System with Loki and AWS EKS   GitHub   Jan 2025

- Engineered a centralized, real-time logging and alerting system using Loki & Grafana on AWS EKS, with infra managed via Terraform and containerization with Docker.
- Wrote Python scripts for ingesting, parsing, and filtering logs, accelerating investigation and reducing incident detection time by 20%.

- Improved observability by building Grafana dashboards for SRE and team leads, enhancing outage response and cost transparency.

Education

Bachelor of Technology in Computer Science   SOA University, Bhubaneswar, India   2020 – 2024

- GPA: 8.55/10
- Relevant Coursework: Cloud Computing, Operating Systems, Database Management

Certifications

- AWS Certified Solutions Architect - Associate (In Progress)
- HashiCorp Certified: Terraform Associate (Planning)

Achievements & Competitions

Infosys Global Hackathon 2025   Challenge 4: TrackSmart – Universal Logistics Visibility Platform

- Designed and prototyped an open-source, API-first logistics tracking platform leveraging the BECKN protocol, providing unified tracking across Indian logistics carriers and transport modes.
- Built real-time delivery visibility and predictive ETA dashboard for small businesses and consumers, focused on e-commerce in tier-2/3 cities.
- Integrated multi-provider logistics APIs, achieving seamless tracking and improved customer satisfaction in pilot use cases.
- Addressed supply chain fragmentation, reduced delivery uncertainty, and supported digital transformation efforts for MSMEs.
- Contributed to digital supply chain transparency using best practices in open API design and platform interoperability.
- *Tags*: BECKN, logistics, supply chain, API integration, tracking, digital transformation