

Sahil Bansal

DevOps Engineer | Platform Engineer | Site Reliability Engineer

+91 8949823046 | sahilbansal.sb24@gmail.com | linkedin.com/in/sahilbansal24 | github.com/sahilbnsll | sahilbansal.vercel.app

Professional Summary

DevOps Engineer with 3+ years of experience designing, automating, and operating AWS cloud platforms, Kubernetes infrastructure, and CI/CD systems for SaaS environments. Proven track record of reducing cloud costs by \$40K+ annually, improving deployment velocity by 60%, and building Terraform-driven platform capabilities used across multiple engineering teams. Experienced in Platform Engineering, Site Reliability Engineering (SRE), GitOps, Infrastructure as Code, observability, incident response, and production-scale cloud operations supporting high-availability systems.

Technical Skills

Cloud: AWS (EKS, ECS, EC2, Lambda, IAM, VPC, RDS, S3, CloudWatch)

Containers: Docker, Kubernetes, Amazon EKS, Helm, ArgoCD, Karpenter, Cluster Autoscaler

Infrastructure as Code: Terraform, GitOps, Infrastructure Automation

CI/CD: GitHub Actions, Jenkins, AWS CodeBuild, Deployment Automation

Security: IAM, IAM Identity Center, RBAC, Trivy, DevSecOps, Least Privilege

Observability: Prometheus, Grafana, CloudWatch, Monitoring, Alerting, Incident Response, RCA, SLOs

Programming: Python, Bash, JavaScript, SQL, YAML, HCL

Databases: PostgreSQL, MySQL, MongoDB, ClickHouse

Data Engineering: Dagster, DBT, DLT

Networking: Linux, TCP/IP, DNS, Route53, Load Balancing

Professional Experience

Buyogo AG

DevOps Engineer

Jun 2024 – Present

Zurich, Switzerland (Remote)

- **Reduced AWS infrastructure spend by 40% (\$40K+ annually)** across 20+ production services through Fargate Spot adoption, Savings Plans optimization, workload rightsizing, and FinOps-driven governance initiatives
- **Built reusable Terraform platform modules** for ECS, EKS, IAM, RDS, SQS, networking, and shared services, reducing infrastructure provisioning time by 70% across four AWS environments
- **Designed GitOps deployment workflows** using GitHub Actions, ArgoCD, and Helm across 20+ repositories, reducing deployment duration from 15 minutes to 6 minutes while improving deployment reliability
- **Managed Kubernetes workloads on Amazon EKS** using Helm, ArgoCD, Karpenter, and Cluster Autoscaler, improving deployment consistency and infrastructure efficiency across production environments
- **Maintained 99.99% platform availability** for multi-tenant SaaS workloads serving 100+ suppliers and processing 1,000+ daily ingestion requests
- **Led production incident response and root cause analysis** using Prometheus, Grafana, and CloudWatch, improving operational visibility and reducing incident resolution effort
- **Implemented AWS IAM Identity Center (SSO)** and least-privilege access controls, eliminating long-lived credentials and improving organizational security posture

Capgemini

DevOps Analyst

Jan 2024 – Jun 2024

Pune, India

- **Improved deployment success rate by 15%** by decomposing monolithic CI/CD pipelines into modular independently deployable stages
- **Reduced incident response time by 20%** through Prometheus alerting integration and automated Slack-based operational workflows

Qapita Fintech

Software Engineer – DevOps

Jun 2023 – Nov 2023

Hyderabad, India

- **Prevented 95% of critical container vulnerabilities** from reaching production by implementing Trivy-based security gates in AWS CodeBuild pipelines
- **Improved centralized logging performance by 30%** and reduced storage costs by 45% through migration to scalable AWS EFS infrastructure

Projects

- **Terraform Platform Modules** — Built reusable Terraform modules for ECS, IAM, SQS, RDS, VPC, and shared infrastructure, enabling standardized deployments across multiple AWS environments and reducing provisioning effort by 70%.
- **ECS Deployment Alerting Platform** — Designed an EventBridge and Lambda-based deployment monitoring solution that automated ECS deployment visibility and Slack-based operational alerting.
- **Data Platform Engineering** — Built orchestration and analytics pipelines using Dagster, DLT, DBT, and ClickHouse to support large-scale ingestion workloads and near-real-time operational reporting.

Education

University of Petroleum and Energy Studies

B.Tech in Computer Science and Engineering (DevOps & Cloud Specialization)

2019 – 2023

CGPA: 7.86/10