

Sahil Bansal

Software Engineer — Platform, DevOps & Cloud Infrastructure

Building reliable cloud infrastructure, automation systems, and production-grade developer platforms.

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Professional Summary

DevOps & Platform Engineer with 3+ years of experience building and operating production AWS infrastructure, Kubernetes platforms, CI/CD systems, and automation tooling for SaaS environments. Delivered **\$40K+ annual cloud savings**, reduced deployment times from **15 minutes to 6 minutes**, and improved infrastructure provisioning speed by **70%** through Terraform-driven platform automation. Experienced in Infrastructure as Code, observability, DevSecOps, AI workflow orchestration, and reliability engineering for multi-tenant production systems.

Technical Skills

Cloud & Infrastructure: AWS, Terraform, Kubernetes, Docker, GitOps, ECS, EKS, IAM, VPC, Lambda, CloudWatch, Infrastructure Automation

CI/CD & DevSecOps: GitHub Actions, Jenkins, AWS CodeBuild, Deployment Automation, Trivy, Container Security

Observability & Reliability: Prometheus, Grafana, CloudWatch, Incident Response, RCA, SLO Monitoring, High Availability

Platform & AI Systems: Platform Engineering, n8n, AI Agents, LLM Orchestration, Agentic Workflows, Developer Automation

Programming & Data: Python, Bash, JavaScript, SQL, YAML, HCL, ClickHouse, PostgreSQL, MySQL, MongoDB

Professional Experience

Buyogo AG

DevOps Engineer

Jun 2024 – Present
Zurich, Switzerland (Remote)

- **Reduced AWS infrastructure spend by 40% (\$40K/year)** across 20+ ECS services through Fargate Spot adoption, Savings Plans optimization, and workload right-sizing without impacting production SLOs
- **Reduced infrastructure provisioning time by 70%** by building reusable Terraform modules for ECS, RDS, IAM, SQS, and VPC infrastructure across 4 environments
- **Optimized GitHub Actions CI/CD pipelines** across 20+ repositories — reducing deployment duration from 15 minutes to 6 minutes through parallel execution and PR-scoped validation
- **Led infrastructure reliability initiatives** across multi-tenant production systems — improving deployment consistency, platform stability, and operational visibility
- **Maintained 99.99% availability** for a multi-tenant ingestion platform processing 1,000+ daily requests for 100+ suppliers
- **Implemented AWS IAM Identity Center (SSO)** and least-privilege IAM policies across 30+ accounts and roles, eliminating long-lived credentials organization-wide
- **Built observability and incident alerting** pipelines using Prometheus, Grafana, and CloudWatch — improving production visibility and reducing operational response time
- **Designed ClickHouse analytics pipelines** using Dagster and DLT, reducing operational dashboard query latency from minutes to milliseconds

Capgemini

DevOps Analyst

Jan 2024 – Jun 2024
Pune, India

- **Improved deployment success rate by 15%** by refactoring monolithic CI/CD pipelines into modular independently failing stages
- **Reduced incident response time by 20%** by integrating Prometheus alerting with 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

- **Claude Superpack** — Built a multi-agent orchestration framework for Claude Code with persistent memory and autonomous task execution — reducing token usage during large-scale code reviews by 87%. [GitHub](#)
- **LumaCV** — Built an AI-powered resume intelligence platform to automate ATS-aware resume customization and reduce manual tailoring effort from 30 minutes to under 60 seconds. [Live](#)
- **LinkedIn Content Automation Pipeline** — Designed an AI-driven automation platform using n8n, AWS EC2, Supabase, Discord APIs, and LLM orchestration to automate ideation, drafting, and publishing workflows. [GitHub](#)

Education

University of Petroleum and Energy Studies

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

2019 – 2023
CGPA: 7.86/10