

Prateek Rajvats

SENIOR PLATFORM ENGINEER · CLOUD INFRASTRUCTURE & SRE

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PROFESSIONAL SUMMARY

Platform engineer with **6+ years** building and operating secure, multi-account AWS infrastructure for globally distributed production systems. I turn manual, error-prone operations into self-service platforms — governance enforced as code, reliability measured against SLOs, and guardrails that let product teams ship safely without waiting on Platform. Comfortable across IaC, CI/CD, observability, container security, and FinOps.

EXPERIENCE

Safeguard Global

Platform Engineer → **Senior Platform Engineer** | Oct 2022 – Present · Remote, India

- Lead platform engineering for a **multi-account AWS organization (20+ accounts)** running globally distributed payroll and workforce systems under strict data-residency and compliance requirements.
- Delivered Safeguard's **first compliance-as-code program** — SOC2 / CIS hardening as Terraform and IAM policy, enforced via SCPs, permission boundaries, and mandatory encryption; SOC2 review with **no exceptions in scope**.
- Built a centralized, versioned **Terraform module ecosystem** with CI-integrated policy validation, cutting release time **~75%** across dev/stage/prod.
- Building a **Bitbucket Dynamic Pipelines** governance system (Forge app) that injects SonarQube and security controls at runtime — zero per-repo configuration.
- Centralized code-quality and artifact-security scanning across **30+ teams** (SonarQube, SBOM, JFrog Xray/Artifactory), reducing vulnerability-triage effort **~60%**.
- Built a **container-security pipeline** with JFrog Xray policy gates that block vulnerable images from production.
- Migrated **300+ users** from per-account IAM to **AWS Identity Center** with custom permission sets.
- Built end-to-end **incident routing** (Datadog → OpsGenie), reducing MTTD **~45%**; instrumented SLOs/SLIs to sustain **~99.7% availability**.
- Stood up a **FinOps cost-visibility platform** with automated tagging and cross-account aggregation — **~30% AWS cost reduction** and **\$150K+** annual savings.

Solytics Partners

DevOps Engineer → **Senior DevOps Engineer** | Jun 2020 – Aug 2022 · Pune → Remote, India

- Promoted to lead **container orchestration on ECS Fargate** for 50+ microservices with horizontal autoscaling and cross-AZ fault tolerance.
- Provisioned **Terraform-managed AWS environments** for 20+ services with VPC isolation, security-group hardening, and least-privilege IAM.
- Implemented **immutable deployment pipelines** with canary releases and automated rollback — **95% deployment success**, release-cycle time cut **~75%**.
- Drove **~30% infrastructure cost reduction** via compute rightsizing, reserved-instance procurement, and architectural optimization.

TECHNICAL SKILLS

- Cloud & Governance:** AWS (Organizations, Control Tower, SCPs, IAM Identity Center, Lake Formation, VPC, Transit Gateway, EC2, ECS, Lambda, Step Functions, EventBridge, RDS, S3, Athena, Glue)
- IaC & Automation:** Terraform (module registries, remote state), CloudFormation, AWS CDK, Ansible, Python (boto3), Bash
- CI/CD:** Bitbucket Pipelines, AWS CodePipeline, GitHub Actions, OIDC-based auth
- Containers & Security:** Docker, ECS Fargate (primary), Kubernetes / EKS (CKA in progress), JFrog Artifactory & Xray, ECR scanning
- SRE & Observability:** SLO/SLI design, error budgets, Datadog (RUM, synthetics, monitors, logging), CloudWatch, OpsGenie
- Compliance & FinOps:** SOC2 Type II, CIS Benchmarks, GDPR, KMS, compliance-as-code, cost attribution & tagging, rightsizing, RI planning

SELECTED PROJECTS

- **SarkariPing** (active) — Government-job alerts PWA with LLM syllabus parsing, eligibility matching, and a built-in lightweight LMS study plan.
- **Earlier engineering** — File malware-scanning service; FortiGate VPN deployment on AWS.

EDUCATION & CERTIFICATIONS

- **B.Tech, Computer Science** | Lovely Professional University, Punjab, India · 2016 – 2020
- **AWS Certified Solutions Architect – Associate** | Amazon Web Services
- **Certified Kubernetes Administrator (CKA)** | in progress

KEY ACHIEVEMENTS

- Sustained **~99.7% availability** via SLO instrumentation, error budgets, and proactive capacity planning.
- Achieved **zero audit exceptions** enforcing SOC2/CIS across 20+ AWS accounts through automated controls.
- Surfaced **\$150K+** in annual cost savings through FinOps practices and automated cost attribution.
- Reduced security-remediation cycles **~60%** and MTTD **~45%** through automated scanning and incident tooling.

Languages: English (fluent), Hindi (native) · 6+ years in remote-first distributed teams