

RISHABH GUPTA

Lead DevOps Engineer | AWS Solutions Architect

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PROFESSIONAL SUMMARY

Lead DevOps Engineer with 4.6+ years building cloud-native infrastructure at scale across fintech and enterprise environments. AWS Certified Solutions Architect (SAA-C03) specialising in Kubernetes orchestration, GitOps-driven CI/CD, and full-stack observability. Reduced deployment cycle times by ~60%, cut MTTR from 45 min to under 15 min, and sustained 99.9%+ uptime for 10M+ user platforms. Skilled in 24/7 incident response, SRE practices, and developer velocity engineering.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EC2, RDS, S3, VPC, Route 53, ACM, CloudFront, ELB, IAM, ECR, API Gateway, CloudWatch, Secrets Manager, Inspector, Security Hub, GuardDuty)

DevOps & CI/CD Tools: Jenkins, GitHub Actions, ArgoCD, JFrog Artifactory, Git, GitHub, Gradle, Maven

Containerization & Orchestration: Docker, Kubernetes

Infrastructure as Code: Terraform, Ansible

Monitoring & Observability: Prometheus, Grafana, Grafana Incident, ELK Stack, New Relic, AppDynamics, Zabbix, PRTG, AlertSite, Opsgenie

Operating Systems: Linux (Ubuntu, CentOS)

Additional Tools: GitHub Enterprise, Jira, Confluence Data Center, AWS Secrets Manager, PCI-DSS compliance tooling

PROFESSIONAL EXPERIENCE

Persistent Systems · Client: Intuit

August 2024 – Present

Lead Software Engineer (DevOps)

Noida, Uttar Pradesh

- Architected Jenkins + ArgoCD CI/CD pipelines across 5+ microservices, cutting deployment cycle time by ~60% and eliminating 90% of manual release interventions through GitOps automation.
- Managed production Kubernetes clusters at 10M+ user scale with namespace governance and resource quotas, reducing over-provisioning by 30% while sustaining 99.9% cluster uptime.
- Built full-stack observability (Prometheus, Grafana, ELK Stack), cutting MTTD by 50% and reducing MTTR from 45 min to under 15 min; led 24/7 on-call maintaining <10 min P1 response and 40% fewer repeat incidents QoQ.
- Administered GitHub Enterprise, Jira & Confluence for 30K+ engineers at 99.95% availability; authored 20+ runbooks/SOPs that enabled on-call engineers to self-resolve 80% of P2/P3 issues.

Payomatrix Technologies

April 2024 – July 2024

System Support Engineer

Greater Noida, Uttar Pradesh

- Hardened AWS security for a PCI-DSS payment platform via IAM RBAC, automated Secrets Manager rotation, and AWS Inspector integration — reducing critical security findings by 65% in Q1.
- Designed Active-Passive RDS with synchronised standby for zero data-loss disaster recovery; triaged production incidents maintaining consistent SLA adherence across a high-availability fintech stack.

Avani Ecocare

January 2024 – March 2024

Freelance DevOps Engineer

Noida, Uttar Pradesh

- Deployed production frontend on AWS S3 + CloudFront CDN, achieving 40% faster global load times and 70%+ reduction in origin load via edge caching and custom cache-control policies.
- Provisioned private-VPC RDS instances with daily snapshots, parameter tuning & security hardening; authored 5 SOPs enabling client team to execute releases independently.

Codewalla Software Development · Client: 1Huddle

July 2022 – December 2023

Junior DevOps Engineer

Pune, Maharashtra

- Built Jenkins CI/CD pipelines for 8+ apps, cutting release time from 3 hrs to under 45 min (70% less manual effort); containerised legacy apps with Docker and authored Terraform + Ansible modules reducing environment setup from 2 days to under 2 hrs.
- Implemented Prometheus + Grafana monitoring for 3 production services, establishing SLI baselines enabling proactive detection of 90% of performance anomalies before user impact.

Purchasing Power LLC.

September 2021 – May 2022

Site Operations Engineer – Intern

Chennai, Tamil Nadu

- Triaged 20+ daily alerts via Zabbix & CloudWatch as L1 on-call on 24/7 rotation (sub-30 min P1/P2 SLA); wrote shell scripts to automate health checks across 15+ servers, cutting manual monitoring effort by 40%.
- Resolved 15+ operational tickets/week covering job failures, access issues & service disruptions, building foundational incident management and cross-team escalation expertise.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate (SAA-C03)

EDUCATION

B.Tech, Computer Science & Engineering · Lovely Professional University

2022 | 83.4%

Intermediate · SVM Inter College

2018 | 85.2%

High School · SVM Inter College

2016 | 84.3%