

RAJAN VASHISHT

Cloud & Platform Engineer | Site Reliability Engineering | AWS

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SUMMARY

Cloud and platform engineer with 10+ years across AWS, SRE, Kubernetes, networking, automation, and disaster recovery. Recent work includes tag-based egress controls for 600+ EC2 workloads, architecture and production rollout of an enterprise MLflow platform on ECS/Aurora, and AWS/Snowflake recovery architecture. Track record includes cutting tenant provisioning from 48 hours to 2, reducing RDS cost 35%, and delivering approximately \$500K in annual Kubernetes Spot savings.

CORE SKILLS

Cloud / Platform: AWS, EC2, ECS Fargate, EKS, S3, RDS/Aurora, Lambda, VPC, ALB/ELB, CloudFront, Route 53, IAM, ACM

IaC / Automation: Terraform, CloudFormation, Kubernetes, Docker, Helm, Ansible, Python, Bash, Bamboo, Jenkins, Git/GitHub

Reliability / Security: AWS Network Firewall, Transit Gateway, Suricata, Vault, SSO/MFA, DNS/TLS, incident response, DR, CloudWatch, Snowflake, MLflow

PROFESSIONAL EXPERIENCE

AWS Cloud Engineer | [Verisk](#) | Aug 2025 - Present | Fairfax, VA

- Designed and rolled out tag-based AWS Network Firewall egress controls for 600+ EC2 workloads across development, sandbox, U.S., U.K., and Canada using Suricata, Resource Groups, CloudFormation, and centralized routing.
- Coordinated phased production cutovers, validation, rollback, and cross-functional troubleshooting of STS, DNS, LDAP, and routing dependencies with platform, network, and AWS support teams.
- Architected and am leading the production rollout of an enterprise MLflow platform on ECS Fargate with Aurora PostgreSQL, private ALB, Route 53/ACM, Secrets Manager, S3 artifact storage, and private networking, with production-grade isolation, secure service access, and controlled cutover patterns.
- Defined U.K. and Snowflake backup/DR requirements including retention, recovery objectives, Time Travel, and cross-account replication; also maintained golden Linux AMIs and automated software/licensing environments.

Site Reliability Engineer | [Vibrent Health](#) | Jun 2019 - Aug 2025 | Fairfax, VA

- Built a Python/Slack onboarding bot that reduced tenant provisioning from 48 hours to 2 hours and improved operational efficiency by more than 90%.
- Automated non-production RDS shutdown with AWS Lambda, reducing monthly infrastructure cost by 35%; built Vault-based temporary DB access that reduced access tickets by 95%.
- Deployed stateless Kubernetes workloads on Spot Instances, generating approximately \$500K in annual savings; integrated Snowflake SSO/MFA with Azure AD for 200+ users.

Earlier Experience | 2011 - 2019

- DealerSocket - Associate Infrastructure Engineer: provisioned 50+ EC2 instances with CloudFormation, reducing setup time 70%; supported AD/MSSQL pre-production environments and maintained 95% incident resolution within SLA.
- Arvato Bertelsmann - Disaster Recovery Expert: resolved 100+ monthly escalated Acronis backup/DR incidents across Windows, Linux, ESXi, and Hyper-V, improving resolution time 50%. Nokia/HCL - Sr. Analyst: supported 200+ users with a 95% first-time fix rate.

SELECTED PROJECTS

The Drift Log - Terraform-managed static publishing platform using private S3, CloudFront OAC, CloudFront Functions, remote state locking, and Astro.

Project Atlas - Platform/recovery lab using FastAPI, PostgreSQL, Docker, pytest, and AWS.

EDUCATION & CERTIFICATIONS

M.S., Information Technology & Management - Illinois Institute of Technology, 2018 | **B.Tech., Information Technology** - Punjab Technical University, 2009

AWS Certified DevOps Engineer • AWS Certified Solutions Architect - Associate • AWS Certified SysOps Administrator - Associate