

RAJESH SOOD, MBA

Senior Cloud & DevOps Engineer · AI/ML Platform Engineering · AWS · Kubernetes · Terraform · SRE

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PROFESSIONAL SUMMARY

With over 15 years of enterprise cloud experience, I architect the platforms that engineering teams rely on to ship fast, stay resilient, and scale without surprises.

I lead DevOps and AI/ML platform engineering across multi-account AWS — building the infrastructure that powers internal AI products, documentation platforms, and GenAI integrations at enterprise scale. Alongside that, I set reliability standards across critical AWS workloads, own incident response frameworks, and drive FinOps governance that has compounded to \$200K+ in cloud cost savings.

Technical depth spans cloud architecture, Kubernetes, Terraform, SRE, and AI-augmented engineering — using Claude, Bedrock, and GitHub Copilot as everyday tools for IaC generation, log analysis, and automated remediation workflows.

\$200K+

Cloud Cost Savings

99.99%

Uptime SLA Delivered

35%

Faster Deploy Cycles

CORE TECHNICAL COMPETENCIES

AI/ML Platform:	AWS SageMaker, AWS Bedrock, RAG Pipeline Design, LLM Integration (Claude, Titan), GenAI Ops
Cloud Architecture:	AWS (EKS, Networking, Serverless) · Azure · GCP · OCI — multi-region, multi-account
Platform Eng & IaC:	Terraform, CloudFormation, Helm, Ansible — Internal developer platforms · Self-service infra
SRE & Reliability:	SLO/SLI/Error-budget design · Incident command · Splunk, Datadog, Prometheus/Grafana
CI/CD & DevOps:	Jenkins, GitHub Actions · Shift-left testing · 35% cycle-time reduction achieved
Security/Compliance:	DevSecOps (Wiz, Snyk, SonarQube) · IAM zero-trust design · GDPR, SOC 2, HIPAA · Automated remediation pipelines
AI-Augmented Eng:	GitHub Copilot, Cursor, Claude/Bedrock — IaC generation, log analysis, vulnerability auto-remediation workflows

CERTIFICATIONS

★ **AWS Certified Solutions Architect – Professional** (Valid Dec 2026) · [credly.com/users/rajeshsood](https://www.credly.com/users/rajeshsood)

Previously Certified: Microsoft Azure (Exam 533) · Google Cloud Professional Architect · Oracle OCI Architect Professional & Associate

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer · **Workday** · Dublin, Ireland

Oct 2023 – Present

Leading DevOps and AI/ML platform engineering within Workday's enterprise AWS environment, enabling internal product and documentation teams.

- ▶ **AI/ML Platform Architecture:** Designed and deployed SageMaker infrastructure enabling internal AI/ML teams to build, version, and serve models against Workday's documentation data — reducing model deployment lead time by 40%.
- ▶ **Generative AI Integration:** Engineered serverless RAG pipelines and GenAI workflows via AWS Bedrock (Claude, Titan) powering internal AI chatbots and documentation search applications — spanning prompt engineering, vector search, and production observability.

- ▶ **SRE & Reliability:** Owned SLO/SLI framework and incident response for critical EKS microservices, maintaining 99.99% uptime through capacity planning and structured on-call rotation.
- ▶ **Platform Modernisation:** Redesigned CI/CD workflows (Jenkins + GitHub Actions) and IaC standards (Terraform/Helm), delivering a 35% reduction in deployment cycle time across all squads.
- ▶ **Security Automation:** Built AI-powered vulnerability remediation pipelines using Claude/Bedrock to auto-analyse PRs & Wiz findings and generate validated Terraform fixes — cutting mean remediation time by 60%.
- ▶ **FinOps Governance:** Implemented cloud cost standards across multi-account AWS, driving \$100K+ in cumulative savings through rightsizing, RI strategy, and anomaly detection automation.
- ▶ **AI-Augmented Velocity:** Drove 25% acceleration in IaC delivery through team-wide adoption of GitHub Copilot and Cursor tooling.

Cloud Infrastructure Engineer (SRE) · Protego Technologies · Dublin, Ireland Sep 2022 – Oct 2023

- ▶ **Observability Architecture:** Built global observability stack (Splunk + Datadog + Prometheus) with SLO/SLI alerting, reducing MTTR by 45% across high-availability financial services workloads.
- ▶ **Security Posture:** Integrated Snyk and OWASP ZAP into automated pipelines as shift-left controls, reducing production vulnerabilities by 40%.
- ▶ **Reliability Engineering:** Owned EKS cluster operations for HA financial services — capacity planning, incident command, and runbook-driven on-call rotation.

Cloud SysOps Engineer (Lead) · Hilti Asia IT Services · Kuala Lumpur, Malaysia Dec 2019 – Aug 2022

- ▶ **Cost Optimisation:** Delivered \$120K in annual savings through Reserved Instance strategy and resource lifecycle automation across multi-region AWS.
- ▶ **Global Standardisation:** Authored CloudFormation templates enforcing security and compliance baselines across 10+ AWS regions and business units.
- ▶ **Compliance Leadership:** Led IAM governance program ensuring controls met enterprise SOC 2 and internal audit standards.

Cloud Service Engineer · MAXIS Sdn Bhd · Kuala Lumpur, Malaysia Jul 2018 – Dec 2019

- ▶ **Scale Migration:** Architected and migrated 30+ enterprise applications to AWS with HA/DR configurations and zero-downtime cutovers.
- ▶ **RI Strategy:** Spearheaded Reserved Instance purchasing program, reducing cloud expenditure by 15% (\$80K annually).

IT Service Delivery Consultant III (L3) · DXC Technology (formerly HPE) · Cyberjaya, Malaysia

Feb 2017 – Jun 2018

- ▶ **Multi-Cloud Operations:** Provided L3 architectural support across hybrid environments (AWS, Hyper-V, VMware), managing 300+ EC2 instances across 8 enterprise accounts.
- ▶ **Automation:** Developed health-check and remediation scripts that significantly reduced application downtime and manual escalation.

Earlier Career

- Senior VMware Administrator (L3) · Softenger Malaysia (HPE client) · Oct 2016 – Jan 2017
- Senior IT OS Analyst · Optum / UnitedHealth Group, Noida · Nov 2014 – Oct 2016 — IaaS automation with HP BSA Suite; vSphere and vRealize Automation for self-service provisioning.
- Associate Professional · CSC India (now DXC) · Oct 2012 – Nov 2014 — Windows/Linux environments and VMware vSphere administration.
- Dell International & HCL India · Jul 2010 – Oct 2012 — Enterprise technical support, Active Directory, and network device administration.

EDUCATION

MBA in Information Technology · Sikkim Manipal University, India 2015

B.E. in Computer Science · Visvesvaraya Technological University, Karnataka, India 2010