

SUYOG DABHOLE

PRINCIPAL CLOUD PLATFORM ARCHITECT

AWS | Kubernetes | Platform Engineering | SRE | DevSecOps | Terraform

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EXECUTIVE PROFILE

Cloud & Platform Architect focused on **AWS** and Azure cloud platforms, **Kubernetes**, platform engineering, Site Reliability Engineering (**SRE**), DevSecOps, infrastructure automation, and production reliability. Combines architecture ownership with platform design, technical decision-making, production troubleshooting, **C-level and executive communication**, and cross-team technical leadership.

- Built and operated enterprise cloud platforms supporting **120+ microservices, 1-3M requests per day**, and **500GB-1TB of telemetry per day** across AWS and Azure.
- Delivered measurable outcomes including **\$1M+ in annualized cloud savings**, 40% lower Mean Time to Recovery (**MTTR**), 70% automation of recurring incident remediation, and **99.99% availability**.
- Defined reusable platform patterns, guardrails, GitOps workflows, observability standards, security controls, and self-service capabilities used across engineering teams.

CORE EXPERTISE

- **Cloud Architecture:** AWS, Azure, cloud-native architecture, multi-account architecture, hybrid cloud, high availability, disaster recovery
- **Architecture Leadership:** C-level and executive stakeholder communication, architecture strategy, technical presentations, cross-functional alignment, architecture reviews, technical trade-off analysis, production-readiness reviews
- **Kubernetes & Platform:** Kubernetes, Amazon EKS, Istio, Envoy, Helm, autoscaling, multi-tenant platforms, service mesh, traffic management, Kubernetes RBAC, Amazon ECR
- **SRE & Observability:** OpenTelemetry, Prometheus, Grafana, Service Level Objectives (SLOs), Service Level Indicators (SLIs), error budgets, incident response
- **Platform Engineering & IaC:** Internal Developer Platforms, golden paths, self-service infrastructure, developer experience, Terraform, GitOps, Argo CD, GitHub Actions, GitLab CI
- **Security & DevSecOps:** Zero Trust, Identity and Access Management (IAM), OPA/Gatekeeper, Vault, SAST, container scanning, secrets management, policy-as-code
- **AWS Networking:** VPC, subnets, route tables, Transit Gateway, PrivateLink, Direct Connect, Route 53, ALB/NLB, security groups.
- **FinOps:** Rightsizing, cost allocation, utilization analysis, resource governance
- **Programming / Automation:** Python, Java

PROFESSIONAL EXPERIENCE

Lead Cloud Platform Architect | Jeppesen ForeFlight | Oct 2025 - Mar 2026

Transitioned from Boeing following the ForeFlight/Jeppesen business-unit transition

- Owned AWS and Azure platform architecture for cloud modernization, Kubernetes adoption, reliability, security, and developer experience across an estate of 100+ microservices.
- Architected reusable EKS and AKS platform patterns covering workload isolation, service-mesh integration, traffic management, deployment standards, and consistent production controls.
- Standardized Argo CD and Helm GitOps patterns to improve deployment consistency, auditability, rollback readiness, drift control, and environment-to-environment repeatability.
- Established SRE and observability standards using OpenTelemetry, Prometheus, and Datadog, with emphasis on actionable telemetry, SLO-based alerting, and faster production diagnosis.
- Embedded security guardrails using OPA/Gatekeeper, Vault, identity-based access, secrets management, and policy-driven controls, mentored 10+ platform engineers through architecture reviews and production troubleshooting.

Senior Platform Architect | Boeing India | Jun 2023 - Oct 2025

- Standardized EKS and AKS platform patterns for 120+ microservices, replacing team-specific approaches with reusable guardrails that improved operational consistency and production support.
- Re-engineered fragmented monitoring into a shared observability model using OpenTelemetry, Prometheus, Grafana, Azure Monitor, and Application Insights, reducing MTTR by 40%.
- Shifted SAST, container scanning, secure release gates, and policy checks into CI/CD pipelines, moving security controls earlier in the software delivery lifecycle.
- Applied Zero Trust principles through identity controls, secrets management, IAM policies, encryption, and policy-as-code across cloud workloads.
- Delivered \$1M+ in annualized cloud savings through workload rightsizing, resource governance, utilization analysis, and FinOps reporting, built reusable platform templates, standardized pipelines, and self-service workflows for engineering teams.

Cloud Solutions Architect | Tata Consultancy Services | Nov 2011 - Jun 2023

- Led cloud architecture, DevOps modernization, infrastructure automation, and production-reliability initiatives across large enterprise customer environments.
- Presented cloud modernization strategies, architecture trade-offs, reliability and security risks, and investment recommendations to C-level and senior technology stakeholders, translating business priorities into executable architecture decisions.
- Standardized CI/CD and deployment practices across 10+ application teams, reducing manual release risk and improving consistency across development, test, and production.
- Built reusable provisioning and environment-automation patterns across 30+ application environments, reducing configuration drift and dependence on manual setup.
- Designed scalable, highly available infrastructure for business-critical applications with explicit attention to performance, capacity, failure recovery, and production support.

Technical Architect | Tech Mahindra | Jan 2010 - Nov 2011

- Led application architecture and engineering delivery for high-volume enterprise systems, including transactional platforms processing 200K+ daily transactions at 99.9% availability.
- Designed service integration, API, caching, and database-scaling patterns to improve performance and horizontal scalability, mentored 15+ developers through architecture and code reviews.

Software Engineer | Cybage Software | Aug 2006 - Jan 2010

- Developed backend services and application components for high-volume transactional systems, building foundations in distributed systems, performance engineering, automation, debugging, and production support.

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)
- AWS Certified Solutions Architect – Associate
- Microsoft Certified: Azure Solutions Architect Expert

EDUCATION

Shivaji University

Bachelor of Engineering, Information Technology

Jun 2005

Centre for Development of Advanced Computing (C-DAC)

Post Graduate Diploma In Advanced Computing

Jun 2006