

MAYA IYER

CLOUD SOLUTIONS ARCHITECT

Modernization • Platform Engineering • Cloud Economics

📍 Seattle, WA | Remote
✉️ maya.iyer@example.com
☎️ +1 206 555 0147
🌐 [linkedin.com/in/mayaiyer](https://www.linkedin.com/in/mayaiyer)

01 PROFILE

Principal-level cloud architect with 12+ years in infrastructure and application modernization, including seven years shaping cloud strategy for regulated, high-growth organizations. Translates business constraints into secure, resilient platforms across AWS and Azure; leads discovery through production cutover; and gives engineering teams reusable paved roads. Trusted by executives and hands-on teams to connect architecture decisions with availability, delivery speed, risk, and unit economics.

\$11.8M

ANNUAL SAVINGS

FinOps + platform reuse

99.99%

AVAILABILITY

Tier-1 commerce platform

42%

FASTER DELIVERY

Golden paths + GitOps

180+

WORKLOADS

Modernized or migrated

02 ARCHITECTURE CAPABILITIES

Cloud platforms	AWS (Organizations, Control Tower, EKS, ECS, Lambda, RDS, DynamoDB, S3) • Azure (Landing Zones, AKS, Functions, SQL, Entra ID)
Architecture	Well-Architected Framework • multi-account landing zones • event-driven systems • API strategy • hybrid connectivity • DR
Platform engineering	Kubernetes • Docker • Terraform • Helm • Argo CD • GitHub Actions • Backstage • service mesh
Security & governance	Zero Trust • IAM federation • policy as code • threat modeling • secrets management • SOC 2 • PCI DSS • HIPAA
Data & operations	Kafka • PostgreSQL • Redis • OpenSearch • Datadog • Prometheus • OpenTelemetry • SRE • FinOps
Leadership	C-level advisory • architecture review boards • product roadmaps • vendor selection • workshops • technical mentoring

03 PROFESSIONAL EXPERIENCE

Principal Cloud Solutions Architect

2022 – Present

Northstar Commerce

📍 Seattle, WA

- Own cloud architecture for a \$3.2B omnichannel commerce portfolio, aligning 14 product teams around a three-year modernization roadmap, reference architectures, and measurable reliability and cost targets.
- Designed an AWS multi-account landing zone with federated identity, centralized inspection, policy-as-code guardrails, and automated account vending; reduced environment provisioning from 12 days to 45 minutes while satisfying PCI DSS controls.
- Led decomposition of a checkout monolith into event-driven services on EKS, MSK, and Aurora; sustained 8.5K orders per minute during peak events at 99.99% availability and cut release rollback rate by 58%.
- Established an internal developer platform using Backstage, Terraform modules, Argo CD, and reusable GitHub Actions; increased weekly production deployments by 42% without expanding the platform operations team.
- Built the FinOps operating model across engineering and finance, combining unit-cost dashboards, commitment planning, storage lifecycle policies, and automated rightsizing to realize \$7.4M in annualized savings.
- Facilitate architecture reviews and executive decision workshops; coach nine architects and senior engineers on trade-off analysis, failure modes, and concise architecture decision records.

Senior Cloud Architect

2018 – 2022

Aster Health Systems

📍 Boston, MA

- Created the Azure enterprise landing zone and migration factory for 110+ clinical and corporate workloads, integrating ExpressRoute, hub-spoke networking, Entra ID, Defender for Cloud, and centralized logging.
- Designed an active-active patient engagement platform across two regions using AKS, Front Door, Cosmos DB, and Service Bus; achieved a tested 15-minute RTO and less-than-five-minute RPO for critical journeys.
- Partnered with security and compliance to encode HIPAA controls in Terraform and Azure Policy, lifting control evidence coverage from 61% to 96% and shortening quarterly audit preparation by three weeks.
- Directed application assessments and migration waves spanning rehost, replatform, and refactor patterns; completed the data-center exit four months early with zero severity-one cutover incidents.

03 PROFESSIONAL EXPERIENCE continued

Cloud Platform Lead

Cobalt Digital Services

2015 – 2018

Austin, TX

- Led a six-engineer team building an AWS platform for 30 customer-facing services with Terraform, ECS, RDS, and CloudFront; raised availability from 99.7% to 99.95% and halved infrastructure-related incidents.
- Introduced immutable delivery pipelines, automated security scanning, blue-green deployment, and database migration checks, reducing release lead time from ten days to under one day.
- Implemented cross-region backup and recovery automation with quarterly game days, demonstrating a 45-minute RTO for revenue services and closing a material business-continuity audit finding.
- Created service-level objectives and operational dashboards with product owners; reduced mean time to recovery by 64% through actionable alerts, runbooks, and recovery drills.

Systems Engineer → Cloud Engineer

Blue Peak Software

2012 – 2015

Austin, TX

- Automated Linux and VMware provisioning with Python and Ansible, shrinking new environment setup from five days to four hours and standardizing patching across 600+ servers.
- Migrated customer portals and build infrastructure to AWS, introducing autoscaling, infrastructure monitoring, and encrypted backups; supported the company's first SOC 2 Type II attestation.

04 SELECTED ARCHITECTURE WORK

GLOBAL ORDER EVENT BACKBONE

2024

Designed a regionally isolated event architecture linking digital storefronts, fulfillment, inventory, and fraud services. Introduced canonical contracts, idempotency controls, replay tooling, and tiered retention across Kafka and S3.

AWS EKS MSK Schema Registry OpenTelemetry Multi-region DR

OUTCOME Replaced 22 point-to-point integrations, cut reconciliation failures by 73%, and enabled recovery drills without production downtime.

REGULATED CLOUD LANDING ZONE

2021

Created an opinionated Azure foundation with four workload archetypes, automated subscriptions, segmented networking, private endpoints, identity baselines, and continuously evaluated policy controls.

Azure Terraform Entra ID Azure Policy ExpressRoute

OUTCOME Onboarded 40 application teams in nine months, reduced exception requests by 55%, and provided traceable evidence for 96% of applicable controls.

05 CREDENTIALS & EDUCATION

CERTIFICATIONS

- AWS Certified Solutions Architect – Professional
- Nimbus Certified: Azure Solutions Architect Expert
- Certified Kubernetes Administrator (CKA)
- FinOps Certified Practitioner

EDUCATION

M.S., Information Systems

Northeastern University
Boston, Massachusetts

2012

B.S., Computer Science

University of Texas at Austin

2010

06 LEADERSHIP & COMMUNITY

- Program chair for the company architecture guild; grew monthly participation from 35 to 140 engineers and published 18 reference patterns adopted across product teams.
- Speaker at regional cloud and platform engineering meetups on landing-zone governance, architecture decision records, and unit economics; mentor for early-career technologists transitioning into cloud roles.
- Author of internal field guides on multi-region design, service ownership, and production readiness; recognized with Northstar's 2024 Engineering Impact Award.