

# Well-Architected Review & Optimization

## Maximizing Value and Reliability in Healthcare SaaS

**Presented for:** Healthcare SaaS Provider

**Presented by:** Senior Director, Cloud Strategy & Architecture,  
Microsoft

# Executive Summary: Optimizing for Health

## Challenge:

- Rising cloud costs due to unoptimized resources.
- Reliability concerns impacting SLA commitments to healthcare providers.
- Need to align with industry best practices (Azure Well-Architected Framework).

## Strategic Value:

Upendra Kumar | Azure Solutions Architect | Leadership Portfolio

# Leadership & Strategic Challenges

## Driving Excellence:

- **Cultural Shift:** Instilled a "Reliability by Design" culture, mandating architectural reviews.
- **Financial Accountability:** Partnered with Finance to implement "Showback" reporting, driving cost ownership.
- **Crisis Leadership:** Led the "War Room" response during critical outages and drove subsequent resilience improvements.

# Solution Architecture: Remediation Plan

## Focus Areas:

### 1. Cost Optimization:

- Right-size VMs and Databases based on actual usage metrics.
- Implement Azure Advisor recommendations.

### 2. Reliability:

- Deploy Virtual Machine Scale Sets (VMSS) across Availability Zones.

# Business Outcomes & Success Metrics

## Key Performance Indicators (KPIs):

- **Cost Efficiency:** 20% reduction in monthly Azure spend.
- **Availability:** Achieve 99.99% uptime for critical patient portals.
- **Recovery:** RTO < 15 mins, RPO < 5 mins for critical data.

## Next Steps:

1. Implement "Quick Win" cost savings (unused resources).
2. Configure VM Scale Sets for High Availability.
3. Conduct Disaster Recovery drill.

# Visual Journey: The Optimization Loop

CONTINUOUS CLOUD



# Thank You

## Let's Build the Future of Cloud Together

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