

# Gowrish C. Vishwa Kumar

## Cloud Architect | Azure Landing Zones | Multi-Cloud Strategy | Cloud Migration

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Work Authorization: Niederlassungserlaubnis (German Permanent Residence). No sponsorship needed.

[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

### PROFESSIONAL SUMMARY

Technological Architect II with 12+ years in IT, 7+ focused on cloud platform architecture in regulated banking and enterprise environments. Specialist in cloud compliance architecture, IT governance, and cloud control frameworks aligned with ISO 27001, BaFin, DORA, and GDPR. Designed and validated enterprise-scale Azure control frameworks for financial services workloads, with measurable outcomes including 40% reduction in manual provisioning effort and 25% cloud cost reduction. Client-facing experience translating regulatory requirements into reference architectures and governance models adopted across business units.

### CORE COMPETENCIES

Cloud Compliance & IT Governance

BaFin / DORA / ISO 27001

Cloud Control Assessment

Azure Landing Zones (CAF)

Risk Management & Cloud Security

Regulatory Cloud Advisory

Cloud Transformation Strategy

Stakeholder & Client Engagement

### WORK EXPERIENCE

#### Santander Bank, Germany

Sep 2023 - Present

##### Technological Architect II

- Defined and validated enterprise-scale cloud compliance architecture for Azure Landing Zones, ensuring alignment with BaFin, DORA, ISO 27001, and GDPR across multiple banking business units
- Assessed cloud control appropriateness and established governance model - Azure Policy as code, RBAC, Defender for Cloud, and tagging standards - adopted as the bank's reference IT compliance framework
- Led cloud risk assessment and architecture reviews for migration of critical banking applications to Azure, improving scalability and regulatory posture
- Designed secure networking controls including hub-spoke topology, private endpoints, Azure Firewall, and NSG-based segmentation aligned with Zero Trust principles
- Implemented Terraform-based Infrastructure as Code patterns enabling developer self-service, reducing manual provisioning effort by 40%
- Reduced cloud costs by 25% through FinOps controls including tagging strategy, reserved capacity planning, and lifecycle policies

#### Sopra Steria, India

Aug 2022 - May 2023

##### Technical Lead

- Advised enterprise clients on cloud transformation strategy using Azure Migrate and the 6R framework, aligning solutions with regulatory and business objectives
- Led client-facing architecture discussions, translating compliance requirements into cloud control designs and implementation roadmaps
- Defined security architecture aligned with ISO 27001, reducing security incidents by 20%
- Built scalable Azure infrastructure through Terraform and CI/CD pipelines, cutting deployment cycles from days to hours

#### Tech Mahindra, India

Oct 2021 - Jul 2022

##### Associate Technical Lead

- Designed multi-cloud security and disaster recovery solutions across Azure and GCP, improving threat detection by 30% through Azure Security Center and GCP Cloud Armor
- Automated 70% of repeatable infrastructure provisioning with Terraform and CI/CD patterns
- Coordinated technical delivery across cloud engineering workstreams, aligning implementation with architecture and compliance decisions

#### Brainscale Inc., India

Oct 2017 - Oct 2021

##### Cloud Engineer

- Designed and delivered Azure cloud architectures for enterprise clients supporting 200+ VMs and multiple PaaS services
- Engineered 190 TB AWS S3 to Azure Blob Storage migration with zero data loss, supporting regulatory data retention requirements
- Delivered Azure migration of 50+ workloads, reducing client infrastructure costs by 30%
- Designed disaster recovery and backup strategies, reducing RTO from 12 hours to 4 hours

**Systems Engineer**

- Administered VMware vSphere, ESXi, and vCenter environments supporting enterprise Windows workloads
- Managed VM lifecycle, patching, monitoring, and incident troubleshooting across enterprise infrastructure

**ARCHITECTURE & PORTFOLIO HIGHLIGHTS**

**Cloud Compliance Architecture - Santander Group (Azure Landing Zone)**

Designed and validated the cloud compliance and governance framework for enterprise-scale Azure Landing Zones in a regulated banking environment. Delivered BaFin- and DORA-aligned IT controls, policy-as-code enforcement, and a Terraform module library enabling developer self-service with built-in compliance guardrails.

**Result:** 40% reduction in manual provisioning. IT compliance framework adopted as reference standard across business units.

Azure Landing Zone Accelerator, CAF, Azure Policy, RBAC, Defender for Cloud, Sentinel, Terraform, Hub-Spoke, Private Endpoints

**190TB Cloud-to-Cloud Migration - AWS S3 to Azure Blob**

End-to-end migration with integrity validation and tiered storage for regulatory retention compliance. **Result:** Zero data loss, 25% storage cost reduction.

AzCopy, Azure Data Factory, Azure Data Box, Blob tiering

**Hybrid Cloud Architecture**

Azure-AWS hybrid with ExpressRoute and VPN failover; full Terraform automation across 18-month on-prem decommission. **Result:** 99.9% uptime.

ExpressRoute, VPN Gateway, Terraform, AWS

**DevOps Transformation Programme**

CI/CD pipeline modernization with Azure DevOps, Terraform, Helm, and observability. **Result:** 35% faster deployments, 20% uptime improvement.

Azure DevOps, GitHub Actions, Terraform, Helm, Azure Monitor, Dynatrace

**Open Source: Azure Terraform Modules - [github.com/gowrishacv](https://github.com/gowrishacv)**

Production-grade Terraform module library for Azure Landing Zones, hub-spoke networking, and security baselines with CI/CD validation pipelines.

**EDUCATION**

**Master of Computer Applications (MCA)**

2020

**GITAM Deemed University, India**

**Bachelor of Computer Applications (BCA)**

2017

**Tamil Nadu Open University, India**

**CERTIFICATIONS**

Azure Solutions Architect Expert (AZ-305)	<b>Microsoft</b>
DevOps Engineer Expert (AZ-400)	<b>Microsoft</b>
Azure Administrator Associate (AZ-104)	<b>Microsoft</b>
HashiCorp Certified: Terraform Associate (003)	<b>HashiCorp</b>
Azure Virtual Desktop Specialty (AZ-140)	<b>Microsoft</b>
Azure AI Fundamentals (AI-900)	<b>Microsoft</b>
Google Cloud Associate Cloud Engineer (ACE)	<b>Google Cloud</b>
GitHub Foundations	<b>GitHub</b>
Currently Pursuing: Azure AI Engineer Associate (AI-102)	<b>Microsoft</b>

**SKILLS**

<b>Compliance</b>	ISO 27001, BaFin, DORA, GDPR, Azure Policy as Code, RBAC, cloud control frameworks
<b>Cloud</b>	Azure (primary), AWS, GCP - Landing Zones, CAF, Well-Architected Framework, hub-spoke
<b>Security</b>	Defender for Cloud, Sentinel SIEM, Entra ID, Zero Trust, private endpoints, Azure Firewall
<b>laC</b>	Terraform, Bicep, ARM Templates, GitOps, module library design
<b>DevOps</b>	Azure DevOps Pipelines, GitHub Actions, GitLab CI, AKS, Helm, Docker
<b>Languages</b>	English (professional), German (A1 certified, progressing toward B1), Kannada (native), Hindi (conversational)