

RITOM BHOWMICK

AZURE ADMINISTRATOR

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SUMMARY

Cloud Engineer with 2 years hands-on experience in managing enterprise-scale cloud infrastructure on Microsoft Azure. Demonstrated expertise in provisioning and optimizing Azure Virtual Machines, managing Identity and Access Management (IAM), configuring Azure VDI environments, and creating Golden Images for standardized deployments. Strong background in implementing security tools like SCCM, Qualys, and EDR on Azure VMs, and resolving CSPM findings to enhance compliance. Collaborated in infrastructure automation using Azure CLI, Terraform and PowerShell, with a focus on improving efficiency, security, and governance. Currently contributing to cloud operations at LTIMindtree, delivering consistent results aligned with ITIL and cloud best practices.

PROFESSIONAL EXPERIENCE

CLOUD ENGINEER

AUG 2023– PRESENT

LTIMindtree

- Provisioned, managed, and optimized Azure resources including Virtual Machines (VMs), Storage Accounts, Virtual Networks, Network Security Groups (NSG) and Resource Groups for client-facing production environments.
 - Created and managed Azure VM Golden Images using Shared Image Gallery to ensure consistent and secure virtual machine deployments across development and production environments.
 - Set up and administered Azure Virtual Desktop (AVD) environments including Host Pools, Session Hosts, application group and FSLogix profile configurations to support enterprise virtual workspace solutions.
 - Installed and configured enterprise security tools such as SCCM, Qualys, and EDR agents on Azure VMs to meet organizational compliance and security baselines.
 - Worked on CSPM (Cloud Security Posture Management) findings to identify vulnerabilities and implement remediations following Azure Defender recommendations.
 - Automated infrastructure deployments and configurations using Terraform and Azure CLI to support fast and repeatable provisioning of Azure resources.
 - Implemented and monitored cloud governance policies through Azure Policy, RBAC, and custom role definitions to enforce organizational standards and control access at scale.
 - Participated in client digital transformation initiatives by optimizing infrastructure cost, improving performance, and aligning cloud implementations with business goals.
 - Supported L1/L2 incident and change management processes, ensuring high availability and resolution within defined SLAs.
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CERTIFICATIONS

- AZ-104: [Microsoft Certified Azure Administrator Associate](#) (Issued May 2025 – June 2026)
 - Google [Associate Cloud Engineer](#) (Issued Aug 2024 – Aug 2027)
 - Google [Cloud Digital Leader](#) (Issued May 2024 – May 2027)
 - Generative AI Foundation – LTIMindtree (Internal)
 - AWS [Cloud Economics Accreditation](#) – AWS Partner Network (Issued 2024)
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SKILLS

- Cloud Platforms: Microsoft Azure, GCP, AWS
 - Infrastructure: Azure VM, VNet, NSG, Storage account, AVD/VDI, Azure AD
 - Security: Azure Policy, RBAC,SCCM, Qualys, EDR
 - Automation: Terraform, Azure CLI
 - Governance: Cost Management, IAM, Custom Role Definitions, Patch Management
 - Tools: Azure Monitor, Log Analytics, ServiceNow, ACC
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Key Achievements

- Reduced VM provisioning time by **40%** through implementation of reusable Azure VM golden images via Shared Image Gallery.
 - Improved cloud security posture by **70%** by resolving critical and high-priority CSPM findings flagged in Azure Defender and aligning resources with CIS benchmarks.
 - Reduced AVD user login issues by **50%** through host pool optimization, session host patching, and automated image updates for Azure Virtual Desktop users.
 - Increased compliance remediation SLA adherence to **95%**, working closely with internal audit teams and implementing SCCM, Qualys, and EDR tools at scale.
 - Automated **60%** of repetitive infrastructure tasks (VM creation, storage account creation, Access management) using Azure CLI improving deployment efficiency.
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EDUCATION

- **Master of Computer Applications (MCA)** - Manipal University of Jaipur
Feb 2024 – Feb 2026 (Ongoing)
 - **Bachelor of Computer Applications (BCA)** - Institute of Engineering and Management, Kolkata
Aug 2020 – Aug 2023
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Projects

- **Tikogen – AI CloudOps Assistant**
CloudOps Automation Project | Feb 2025 – May 2025

Tech Stack: Azure (Container Apps, Container Registry), Docker, Python, OpenAI (LLM/Ollama), Flask, Microsoft Teams API, AWS Boto3, Terraform, GitHub

Project Summary:

Developed an AI-driven CloudOps automation assistant that interacts via Microsoft Teams to perform cloud operations like EC2 provisioning and VPC,S3 creation , IAM management using natural language commands.

Achievements:

Cloud Deployment: Containerized the entire application using Docker and pushed images to Azure Container Registry (ACR).Deployed the app using Azure Container Apps for a fully managed, scalable microservices environment.

CloudOps Automation: Automated AWS tasks like EC2 instance and VPC,S3 creation,IAM using Boto3 and Terraform, based on user prompts received in Teams.

DevOps & CI/CD: Used GitHub for version control and planned CI/CD workflows for future pipeline automation.

Website: <https://www.tikogen.com>