

## CONTACT

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## SKILLS

- Identity and Access Management (IAM)

- Azure Cloud Architecture and Design

- Azure Cloud Administration and Management

- Azure Cloud Security

- Azure Information Protection

- Migration and Modernization

- Azure Networking and Storage Solutions

- Azure Backup and DR

- Azure Monitoring and Alerts

- Azure Policy and Compliance

- Windows, Linux and ADDS

- Azure Virtual Desktop and Windows 365

- Azure Arc Hybrid and Multicloud

- Microsoft Defender for Cloud and M365

- Microsoft Intune and M365

- Microsoft Sentinel and

# Ayush Pandey

SENIOR CLOUD ENGINEER



## SUMMARY:

As a Seasoned Cloud Engineer with over 2+ years of experience, expertise in Designing, Deploying, and Maintaining Azure Cloud Solutions while incorporating Security Best Practices is provided. A comprehensive understanding of IAAS, PAAS, Cloud Security Solutions, and Azure AD, along with proficiency in scripting using PowerShell and Python. The experience includes using ARM Templates, YAML, KQL and Terraform, and a solid background in utilizing Azure DevOps.

## WORK EXPERIENCE:

### Senior Cloud Engineer

Apr 2022 - Present

IFI Techsolutions Pvt. Ltd.

As Project Lead Engineer, played a crucial role in delivering the project successfully by overseeing all aspects of the project lifecycle and ensuring timely completion within budget and to required quality standards.

- Worked with clients to comprehend their business needs and offer appropriate Azure solutions.
- Designed and managed secure and scalable Azure solutions for clients, implementing custom security solutions using Azure security services and best practices.
- Implemented secure, scalable Azure Virtual Desktop and Windows 365 solutions for remote work for clients.
- Ensured compliance with industry standards and regulations (ISO 27001, HIPAA, GDPR, SOC 2 etc) through policy implementation.
- Managed encryption keys and certificates using Azure Key Vault. Implemented threat detection, vulnerability management and Cloud security posture management (CSPM) using Microsoft Defender Solutions, Azure Security and other tools.
- Optimized and monitored cloud infrastructure for efficiency, security, and cost-effectiveness.
- Provided technical leadership, guidance to junior engineers and support to clients, including prompt resolution of security issues.

### Cloud Engineer

Mar 2021 - Mar 2022

IFI Techsolutions Pvt. Ltd.

As a cloud engineer, I provided support to Project Lead Engineers to ensure successful project execution and completion. This involved closely working with them on project planning, communication, documentation, procurement, and closeout activities. During my tenure, I participated in four diverse projects, which enabled me to work with different teams and gain valuable experience across various cloud services.

- Implemented cloud migrations for clients, transferring workloads from on-premises/other cloud platforms (AWS/GCP/Private Cloud) to Azure Collaborated with cross-functional teams (network admins, app developers, project managers) to deliver comprehensive migration, storage, compute, and VPN solutions.
- Assisted clients in formulating and executing disaster recovery plans using Azure Site Recovery (ASR) to minimize downtime during failures.
- Automated infrastructure deployment using ARM/Bicep/Terraform and reduced deployment time by 60%.
- Worked on Container, Automation account, Functions, Logic Apps, Data Factory, App Services and Database solutions on Azure.
- Trained clients in the utilization of Azure services and provided ongoing.

### Intern: Cyber Security Analyst

Jun 2020 - Aug 2020

ANZ

- Generating security reports, examining security incidents, analyzing network packets, and phishing attacks, Staying current with security threats and their mitigation methods.

- Azure Logic Apps and Azure Automation

- Azure SQL Service and Data Factory

- Zscaler, Checkpoint Firewall and Grafana

- Git/GitHub and Azure DevOps

- Ansible, Jenkins and JFrog

- Containers and Kubernetes






## EDUCATION

### BCA

2017 - 2020

Devi Ahilya Vishwavidyalaya University Indore

## CERTIFICATION

Microsoft Security, Compliance, and Identity	
Azure Administrator Associate	
Azure Virtual Desktop Specialty	
Azure Network Engineer Associate	
Microsoft Certified Trainer	

## KEY PROJECTS DELIVERED:

### As Project Lead Engineer

#### L&T Technology Services: - Onsite (Vadodara):

Indian multinational technology company

The project includes several components such as Redesigning the Landing Zone, New ExpressRoute Circuit creation and Old Circuit Bandwidth upgrade, Migrating Tape Data from on-premises to Azure using Data Box Disks and Data Box. It also involves comprehensive Azure Virtual Desktop set-up with AD policy and adoption of security best practices.

Azure Arc and Microsoft Defender for Cloud integrating Azure, AWS, GCP, and on-premises workloads, helping with remediation of security recommendations, improving security posture, and working with security alerts.

Conditional Access, Monitoring, Alerts, and Update Management Solution. The project also involves Implementation of Backup, Azure File Sync with cloud tiering, Managing Blob Container Life Cycle, and replacing Azure Firewall with Checkpoints Firewall Solution for traffic management.

#### Doms (India):

Stationery Products Manufacturers

VPN(P2S&S2S), SAP Migration from Private Cloud to Azure, AVD set-up for the Tally solution, Microsoft Defender for Cloud (Vm & Storage), Azure policies, Backup and Disaster Recovery solution for the SAP workload.

#### Nuvama Wealth and Investment Limited (India):

Investment and Financial services

Designing the Landing Zone, establishing a Multisite VPN connection, performing Data Migration across tenants and from on-premises to Azure, creating resources using ARM templates (such as Logic Apps with workflows, Data Lake Gen2, SQL Managed Instance, Data Factory etc), adopting Defender for Cloud, implementing Azure Policy & Azure Policy initiatives enforcing compliance with their corporate or regulatory requirements and designing Backup and Disaster Recovery solutions for workloads.

#### University (India): Redesign for Cyber Resilience & Fortified environment

Educational Institute

After the cyberattack on the university, we took significant steps to respond. We first isolated the affected systems, assessed the damage, preserved evidence, and implemented remediation measures to prevent future attacks. To enhance the security measures, we redesigned the landing zone, restored the infrastructure and databases from backups, and implemented a zero-trust model. Additionally, we enabled Microsoft Defender for the cloud and conducted an extensive log analysis generated by the security event logs and web application firewall. Finally, we migrated from Azure Front Door to Azure Application Gateway to further enhance our security measures.

### As Second Engineer

#### Ghym Technologies (Dubai, UAE):

Health and Services

The China region deployment included setting up a VPN and deploying a complete architecture from scratch, which comprised Azure App Service for web app hosting, App Service Certificates, Azure Application Gateway with Web Application Firewall, Defender for Cloud, Azure VM, Azure SQL Server, and Azure Automation Account.

#### LNT Hydrocarbon (All Regions) :

Construction Engineering Company

The project involves assessing the application and server pre-migration to Azure, providing cost estimates and deliverables, and implementing the landing zone with the ExpressRoute and Azure Firewall.

#### Kitzone Technology (India):

Online Education Startup

The project involves deploying virtual machines and databases on Azure, creating a landing zone with backup, monitoring, and alerts. It also requires replacing the on-premises file server with a cloud-based file share solution, including file sync, cloud tiering, NTFS/SMB permissions, and cache management for efficient file management.

