

# aAshish Tiwari

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## SUMMARY

Azure Architect with 8 years in solution architecture, 13 years in cloud and 21+ years of overall IT experience. Proficient in Azure, AWS, Terraform, Active Directory, and virtualization. Worked with cross-functional and cross-technology teams to gather requirements, design, build, deploy, and transitioning. Hand-holding for transfer of support from Build to Run team. Very strong automation and AI Tools experience. Worked with IaC Tools, CI/CD, GitOps, Monitoring Tools, and AI Tools for faster deployments, better reliability, reduce risk, and optimization.

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## Skill Set

### Azure

Entra, Entra connect, Entra Apps Registration, AKS, Azure DevOps, AVD, VM, SDN (Vnet, NSG, DNS), Azure Landing Zones, Management Groups, Policies and Blueprints, ARM Templates, Defender, Monitor and Agent Deployment.

### AWS

EKS, WorkSpaces, Control Tower (Landing Zone, SCPs, RCPs, Account Factory, OU Management), EC2, Lamda, Storage, RDS (DB), SDN (VPC, Security Groups, ACLs, Route 53, Load Balancer, Application Gateway), KMS, Identity Center, Vault (Secure Credential Management), CloudWatch, CloudTrail

### IaC Tools

#### *Terraform*

Multi-Cloud, Multi-Region, Multi-Environment, Modular and parameterized Solutions, with support from Cloud backend, Secret vault and CI/CD Integration.

#### *Bicep*

Enterprise-scale, multi-subscription, multi-environment, modular and parameterized IaC Code, with support from Cloud backend, Azure DevOps/GitHub integration and Key Vault.

### Automation Languages

PowerShell, Python, VBScripts

### Infra Technologies

#### *Active Directory*

ADDS, ADFS, ADCS, GPO, ADRMS, DNS, DHCP, DFC. AD To Entra ID Sync, AD to AWS IAM Identity Center Sync, Entra ID to AWS IAM Identity Center Sync.

### *SQL*

Database management, Migration, transformation, queries building, Triggers, Views, Reports.

### Miscellaneous

Web technologies, HTML, JS, CSS, React, Node, Php

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## EXPERIENCE

### *AVP, Directory Services Developer*

Organization Synchrony, Hyderabad

Duration Oct'18 – Feb'25

- Role: Gather requirement, design HLD and LLD, work with Deployment team for Terraform Code Module creation and management and help in deployment via CI/CD pipelines.
- Technologies: Azure Landing Zones, Management Groups, Policies, ARM Template, Entra, Azure DevOps, Defender, Monitor, AKS, VM, SDN, IaC – Terraform, Language – HCL, PowerShell, Python.
- Security Standards: PCI DSS, ISO:27001, SOC2.
- Projects: IAM transformation, Cloud Migrations (during COVID).

### *Cloud Solution Expert*

Organization DXC.Technology, Bangalore

Duration Sep'16 – Oct'18

- Role: Gather Work with Account Team to analyze environment. Propose Solution and create SoW/Requirements, HLD, LLD, BoM, Testing Plan, Risk Management and Issue Log.
- Technologies: Azure Cloud, AWS Cloud, ADF, SDN, Entra, Active Directory, IaC - Bicep.
- Framework: ITIL, SDLC – Agile, DevOps, TOGAF.
- Projects: Cloud Migrations and Transformations.

### *Senior Engineer (Build Team)*

Organization DXC.Technology, Bangalore

Duration Dec'14 – Sep'16

- Role: Work with Design team to provide inputs on solution and help in building or migrating environment to Azure Cloud.
- Technologies: Azure Cloud, AWS Cloud, PowerShell, AWS CLI.
- Framework: ITIL, SDLC – Agile, DevOps.
- Overview: Phase-wise building and deployment of solutions on cloud, and manage and fix issue encountered during deployment on Azure.

### *L3 Engineer (Shared Delivery)*

Organization DXC.Technology, Bangalore

Duration Nov'08 – Dec'14

- Role: Manage Active Directory, work on incidents, Patch and upgrade servers, Migrate Servers to Cloud Azure, sync Active Directory to Azure AD.
- Technologies: Active Directory (Windows Server (2000/2003/2008/2012), GPO, DNS, DHCP, Certificate Services, ADRMS, ADFS, Azure AD Connect, Azure AD, MFA, Microsoft Azure, PowerShell).
- Framework: ITIL-v3.
- Overview: Manage Active Directory (1800+ Domain Controllers) for 11 Client Account. Later merged with Windows team, so started managing VMware Virtualization.

### *Support Engineer*

Organization Vault Information Technologies India Pvt. Ltd.

Duration Jun'08 – Oct'08

- Role: Identifying issues with trend analysis and following Problem management procedure to fix reoccurring issues.
- Technologies: Active Directory, DNS, DHCP, GPO, PowerShell.
- Framework: ITIL-v3.
- Overview: Managing incidents as per SLA, attending DCAB and TCAB, Incident, Problem, Change Management.

### *Technical Support Engineer*

Organization e4e Business Solutions India Pvt. Ltd.

Duration Apr'07 – May'08

- Role: Managing Incidents and User request tickets.
- Technologies: Active Directory, DNS, DHCP, GPO.
- Framework: ITIL-v3.
- Overview: Working on Incidents, and User tickets. Performing day to day task, like Health check, backup and reporting.

### *System Administrator*

Organization    Professional Computers

Duration        Jan'04 – Mar'07

- Role: New Installations and Management.
  - Technologies: Active Directory (Windows Server (2000/2003), GPO, DNS, DHCP, VBscripts, BAT script.
  - Framework: ITIL-v3.
  - Overview: Installing and configuring Windows server 2000/2003. Promoting Domain controller and managing Active Directory. Troubleshooting server and AD issues
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### CERTIFICATIONS

Microsoft    2017        MCSE: Architecting Azure Cloud Solutions

VMware    2012        VCP: Data-Center Virtualization

Cisco    2007        CCNA

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### Education

Diploma        : DOEACC 'A' Level    - UPTec (Lucknow)

Graduation      : B. Com                - CSJM University (Kanpur)

Intermediate    : CBSC – PCM        - Kendriya Vidyalaya (Fatehgarh)

High School     : CBSC                - Kendriya Vidyalaya (Jabalpur)

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