

HARSHAL SONAWANE

Azure Cloud Engineer (3 Years Exp)

Pune, India

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Professional summary - Azure Cloud Engineer with 3 years of experience in Azure Active Directory, Azure migration, and Azure DevOps. Skilled in Azure AD, MFH accelerator, Azure Security Center, and resource efficiency, with a knowledge of cloud security and performance optimization.

Skills

- Azure Migration
- Azure Security
- Core Azure services
- Cloud Cost optimization
- Network Security
- Firewall Management
- Incidence Response
- Azure Firewall
- Vulnerability Management
- Terraform and Bicep
- Docker & Kubernetes
- Scripting (Batch/Shell)
- PowerShell
- Linux OS
- Azure Devops
- Azure Build and Release Pipeline
- CICD Pipeline
- Virtual Network
- VPN Configuration
- Python

Work Experience.

Tata Consultancy services

Azure Cloud Engineer

Dec 2022 - Present

- Managed and optimized 200+ subscriptions, ensuring access control and efficiency via Azure Active Directory as Global Admin.
- Conducted 50+ Azure infrastructure networking audits, ensuring compliance of components such as VPNs, NSGs, and other networking elements with industry-specific guidelines and best practices. Streamlined the audit process, improving accuracy and ensuring adherence to security standards.

- Performed Azure migrations for 150+ VMs and 20 databases from on-prem environment using Migration Factory Hub tool, with zero downtime.
- Developed an automated solution for creating Azure resources using Terraform and Bicep, reducing manual effort by 40% and improving deployment consistency across 20+ resources in multiple environments
- Designed and implemented over 20+ CI/CD pipelines in Azure DevOps to streamline and automate deployment processes for applications hosted on Azure Web Apps, Azure Virtual Machines, and Azure Kubernetes Service (AKS).
- Worked on tools like Microsoft defender for cloud, Azure Security Centre, Azure Log Analytics to generate logs and implement security remediations and collaborated with development teams to address and resolve 300+ identified vulnerabilities
- Conducted regular cost analysis reviews for all subscriptions under management, identifying potential savings opportunities exceeding \$200K monthly through optimizing resource usage based on utilization metrics gathered bi-weekly.

Vulnerability Analyst

Dec 2021 – Dec 2022

- Developed and implemented remediation strategies for 2000+ vulnerabilities in Java, .Net, TLS-SSL Cipher, and other systems.
- Worked with cross-functional teams to reduce cyber-attack risks and enhanced communication on security measures.
- Created batch/PowerShell scripts to automate remediation, saving time and ensuring quality in vulnerability management.
- Performed VAPT assessments on 100+ systems, identifying critical vulnerabilities and collaborating with teams to achieve 95% mitigation within agreed SLAs.
- Managed and implemented remediation for 500+ incidents generated on ServiceNow, ensuring timely resolution and minimizing impact on business operations. Enhanced incident response processes by identifying recurring issues

Education

- Bachelor of Engineering Jun 2027 – June 2021
- Mechanical – first class with distinction

Certification

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- Udemy: Azure Security Engineer Associate (AZ-500)
- Udemy: DevOps Engineer Expert (AZ-400)