

DINESH V

Azure Cloud Infrastructure | DevOps | Platform Engineer

Chennai, Tamil Nadu, India | +91-8778154804 | dineshvaitshesh@outlook.com | [linkedin.com/in/dinesh-vaitshilingam-88688225b/](https://www.linkedin.com/in/dinesh-vaitshilingam-88688225b/) | <https://dineshvaitshesh.com/>

PROFESSIONAL SUMMARY

Cloud Infrastructure and DevOps Engineer with 3+ years of hands-on experience supporting Azure infrastructure, Azure Kubernetes Service (AKS), secure networking, CI/CD, application deployment, and production operations. Builds Kubernetes YAML manifests, deploys a multi-service application on AKS, and manages Windows Server-hosted applications across Development, UAT, and Production environments. Experience includes Azure VPN Gateway, Private Endpoints, IIS, Apache, Nginx, Python automation, Jenkins, and production troubleshooting.

CORE SKILLS

Azure & Networking: Microsoft Azure, AKS, Virtual Network, VPN Gateway (P2S/S2S), Private Endpoint, Azure Storage, Azure Data Factory, IAM/RBAC, NSG, DNS, SSL/TLS, TCP/IP

Kubernetes & CI/CD: Kubernetes, AKS, Docker through AKS, Kubernetes YAML manifests, ConfigMaps, Secrets, Persistent Volumes, Services, Ingress, rolling updates, Jenkins, Git, CI/CD, release management

Infrastructure & Automation: Windows Server, Ubuntu, IIS, Apache, Nginx, reverse proxy, Python, Windows Task Scheduler, production deployment, environment promotion, incident troubleshooting

Applications & Data: C#, ASP.NET MVC, HTML, CSS, JavaScript, SQL Server, MySQL, Magento, Elasticsearch

PROFESSIONAL EXPERIENCE

Cloud Infrastructure & Application Engineer

DSK Tech Wings | July 2024 - Present

Environment: Azure | AKS | Kubernetes | Jenkins | IIS | Nginx | Windows Server | Ubuntu | SQL Server | Azure Data Factory | VPN | Python | ASP.NET MVC

- Design and manage Azure infrastructure across Development, UAT, and Production environments to support consistent application deployment and operations.
- Built AKS infrastructure from scratch and deployed one enterprise application with multiple services using self-authored Kubernetes YAML manifests.
- Manage Kubernetes workloads, application configuration, services, ingress, ConfigMaps, Secrets, persistent volumes, rolling updates, and production troubleshooting.
- Use Jenkins for CI/CD and collaborate with development teams on deployments, environment promotion, and release support.
- Designed secure hybrid connectivity using Azure Point-to-Site and Site-to-Site VPN Gateways; implemented Private Endpoints for enterprise resources.
- Manage three applications on Windows Server across different environments; administer IIS, Apache, and Nginx, including reverse proxy and SSL implementation.
- Automate operational workflows and scheduled production processes using Python and Windows Task Scheduler; develop parameterized Azure Data Factory ETL pipelines.
- Designed and deployed OTP-based two-factor authentication and investigate production issues across infrastructure, networking, web servers, applications, and databases.

SELECTED ACHIEVEMENTS

- Reduced infrastructure cost by 9% by implementing an SFTP solution on a virtual machine.
- Reduced SSL certificate cost to Rs. 0 for 20 sites through SSL certificate implementation.
- Designed a data-extraction solution that reduced the associated virtual machine cost by 50%.

PROJECT HIGHLIGHTS

Azure Kubernetes Platform

Production Platform Implementation

- Built Azure Kubernetes Service infrastructure from scratch and deployed an enterprise application consisting of multiple Kubernetes services.
- Created Kubernetes YAML manifests and configured application configuration, services, ingress, Secrets, ConfigMaps, persistent volumes, rolling updates, and deployment troubleshooting.

Secure Enterprise Networking

Azure Infrastructure Implementation

- Designed Azure VPN architecture using Point-to-Site and Site-to-Site connectivity and implemented Azure Private Endpoints for enterprise resources.

Infrastructure Automation & Cost Optimization

Python and Azure VM Implementation

- Automated SFTP workflows using Python and implemented a data-extraction solution to reduce infrastructure cost.
- Implemented SSL certificate solutions across 20 sites, eliminating certificate cost.

EARLIER EXPERIENCE

Software & Infrastructure Intern

DSK Tech Wings | April 2023 - June 2024

Environment: Ubuntu | Apache | Magento | MySQL | Elasticsearch

- Built a complete Magento-based application from infrastructure provisioning through production deployment.
- Installed and configured Ubuntu Server, Apache, Elasticsearch, SSL certificates, and MySQL; performed Linux administration and application deployment.
- Configured Elasticsearch search infrastructure and worked with development teams on deployment, troubleshooting, and production support.

EDUCATION

Bachelor of Mechanical Engineering | Anna University | 2015 - 2019

CERTIFICATION

System & Network Administration

ADDITIONAL INFORMATION

Languages: English, Tamil | Notice Period: 60 Days | Location Preference: Bangalore / Chennai / Hybrid / Remote