

# SANKET PATIL

Dynamic Azure and Linux Administrator transitioning into DevOps, eager to leverage cloud and system expertise to streamline workflows, enhance automation, and drive operational excellence.

## Profile Summary


- With over 3 years of experience in Azure and Linux administration, specializing in infrastructure deployments and security enhancements across various industries.
- Reduced infrastructure provisioning time by 40% through the automation of Azure resource deployment and configuration, resulting in faster project delivery and cost savings.
- Achieved a 99.98% system uptime by implementing effective monitoring and proactive maintenance practices, reducing downtime by 40%.
- Decreased licensing and support costs by 20% through the consolidation of servers and virtualization technologies.
- Enhanced security compliance by reducing vulnerability assessment findings by 25% through the implementation of automated security patches and rigorous access controls.
- Reduced backup times by 35% and ensured data integrity by implementing Backup solutions with automated backup schedules and retention policies.
- Improved system performance by 25% through the optimization of Linux server configurations and resource allocation.
- Decreased troubleshooting and resolution times by 50% through the development of automated scripts and tools for common issues.
- Skilled in mentoring team members to enhance skill sets and deliver projects on time, fostering a collaborative and productive work environment.


## Professional Experience

**Tata Consultancy Services Ltd, April 2021 - Present**

### Key Result Areas: Azure Administrator

- Provisioned and terminated infrastructure resources as per requests.
- Created individual Resource Groups for each environment.
- Deployed Virtual Machines based on customer requirements, including appropriate size, operating system, regions, and zones.
- Established distinct Virtual Networks and subnets across environments.
- Allocated OS and Data Disks to resources as needed.
- Ensured high availability by provisioning Load Balancers.
- Enhanced security by implementing Web Application Firewall (WAF) policies and HTTPS configurations through Application Gateway provisioning.
- Monitored resources and received timely notifications of any uncertainties by provisioning Azure Monitor.
- Implemented Azure Backup solutions using Azure Recovery Services Vault, with backup policies such as monthly, weekly, daily, and hourly.
- Collected logs and data from Azure resources through Log Analytics Workspace provisioning.
- Built high-availability environments by cloning existing setups (disk or VM) efficiently.
- Managed Availability Sets and created Traffic Managers.
- Configured Azure DNS for domain name hosting.
- Created alerts based on metrics and queries.
- Developed Azure Dashboards to monitor all resources from a single pane.

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## Core Competencies

- Azure Cloud Services
- Linux System Administration
- Virtual Machines (VMs)
- Cloud Infrastructure Management
- Azure Resource Manager
- Azure Active Directory (AD)
- Automation Scripts
- Linux Server Configuration
- Storage Management
- Disaster Recovery
- Performance Tuning
- Patch Management
- Backup and Restore
- System Monitoring and Troubleshooting
- Cloud Migration
- Firewall and Security Configurations
- User and Access Management

## Technical Skills

- **Operating System:** Linux (RHEL 8.x), Windows 2019 & Window Server 2016
- **Azure (Design and Implementation):** IaaS Services – Virtual Network, VMs, Storage account, managed & Unmanaged disks, VNET Peering, Routing, Application Gateway, Traffic Manager, Azure Firewall, Load balancers, Azure Kubernetes Services, Cost Management, Account Structure and Subscription, Resource Groups, Tagging etc.
- **PaaS Services:** Azure SQL Managed Instance, Logic Apps, Azure Monitor, Azure PostgreSQL flexible server.
- **Security:** Encryption, Cloud Native Firewall, Key vault, Network security groups (NSG), Private Endpoint Connectivity.
- **Monitoring:** Azure Monitor, OMS, Log Analytics, Alerts, Action Groups.
- **Authentication Authorization:** Windows Active Directory, RBAC.
- **Backup and DR:** Azure Recovery Services, ASR
- **Technology support tools:** Storage Explorer

- Enabled secure connectivity by configuring Virtual Network Gateway, Local Network Gateway, NAT Gateway, VNet-to-VNet, Site-to-Site, Site-to-Point, ExpressRoute, and peering.

Key Result Areas: Linux Administrator Responsibilities

- Granted and revoked user access on servers via Windows Active Directory according to ACL.
- Provisioned Multi-Factor Authentication (MFA) to ensure strong identity verification.
- Ensured correct file permissions to prevent access issues and file misuse.
- Conducted daily checks on disk utilization, ensuring adequate space was allocated to all mount points.
- Performed regular checks on OS and Kernel versions, updating them to the latest available versions.
- Troubleshot networking issues using utilities such as ping, telnet, nslookup, netstat, and ipconfig.
- Maintained system updates by performing patching on outdated packages.
- Conducted vulnerability assessments and penetration tests to ensure system security compliance.
- Provided technical support and troubleshooting, including root cause analysis (RCA).
- Ensured maximum system uptime.

- **Ticketing Tool:** Service Now
- **SSH Clients:** Putty, WinSCP
- **DevOps:** Terraform, Kubernetes & Docker (Theoretical Knowledge)

Soft Skills

Communicator
Problem Solving
Critical Thinker
Motivator
Analytical

Education

Bachelor of Engineering (ECE) from Visvesvaraya Technological University (VTU) (2020)

Certifications

Microsoft Certified AZ-104: Microsoft Azure Administrator (2023)

Completed industrial training on RHEL (2021)

Completed PG Diploma in Embedded, Automotive system from CRANES VARSITY Bangalore (2020)

Personal Details

- **Date of Birth:** 14<sup>th</sup> January 1998
- **Languages Known:** English, Hindi, Marathi & Kannada