

SWARUP DAS

Windows Administrator

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SUMMARY

Experienced Windows Administrator with 3 years of hands-on expertise in managing and supporting Windows Server environments. Proficient in VMware ESXi for virtualization, Active Directory for user and access management, and Microsoft 365 for cloud-based collaboration tools. Skilled in troubleshooting, patch management, and system performance optimization. Additionally, familiar with AWS services, providing a strong foundation in cloud infrastructure. A dependable IT professional with a focus on system reliability, security, and operational efficiency.

EXPERIENCE

Nov 2021 - Jan 2025

Wipro (Abbott Laboratories Project)

- Configuration and management of VMware ESXi hosts and vCenter Server, including creation and administration of virtual machines, templates, and snapshots.
- Performed resource management (CPU, memory, storage, and disk allocation) with implementation of vMotion, Replication, DRS, and HA for seamless operations.
- Active Directory administration – user and group management, OU structure, domain controller maintenance, and GPO implementation for security and compliance.
- Managed Microsoft 365 services, including user onboarding/offboarding, user licensing, Exchange Online, SharePoint, Teams configuration, conditional access and DLP policy assignment.
- Monitored and maintained Windows Server health, event logs, DNS, DHCP, and scheduled tasks to ensure uptime and performance.
- Performed user account provisioning, access control, and password resets as part of IT security and onboarding/offboarding processes.
- Resolved incidents, problems, and service requests within SLA using ITSM tool (ServiceNow) and coordinated escalations with L3 teams.
- Executed patch management, OS upgrades, and vulnerability remediation in compliance with change management policies.
- Assisted in hybrid cloud administration with Azure AD, integrating with on-prem AD for identity management.
- Created and maintained technical documentation and SOPs for recurring issues and operational tasks.
- Utilized PowerShell for User and Group Management, Event Log Management and FSMO role management tasks, such as querying role holders and performing role transfers when required.
- Troubleshoot Windows Server, VMware, M365 and Active Directory-related issues, including login failures, replication errors, and connectivity problems, ensuring minimal downtime.

PROJECTS

Telangana Tourist Report

May 2023

Telangana Tourist Report is a data visualization project which has been done using Power BI. It's based on the insights driven from the data of 4 years of total domestic and foreign visitors at each district of Telangana and also how govt can improve the revenue growth for the upcoming years. (Link [here](#))

AWS 3-Tier Highly Available Web Architecture

June 2025

Designed and deployed a secure, highly scalable 3-Tier environment on AWS within a VPC, leveraging CloudFront, ALB, Auto Scaling Groups (ASG) on EC2 and RDS across two availability zones for fault tolerance and dynamic web hosting. Also, integrated CloudWatch for monitoring, logging, and automated scaling based on alarms.

AWS ECS Fargate Deployment with Terraform & CI/CD

November 2025

Designed and deployed a fully automated, containerized web application on AWS ECS Fargate using infrastructure-as-code(Terraform). Implemented a secure multi-tier VPC architecture with public/private subnets, Application Load Balancer for high availability, and VPC endpoints for private AWS service access. Built end-to-end CI/CD pipeline using GitHub Actions for automated Docker image builds, ECR storage, and zero-downtime deployments. ([GitHub Repo + Documentation](#))

AI-Powered Audio Separation App

December 2025

Deployed a production-ready serverless application using AWS SageMaker to separate vocals and instrumentals from audio tracks via Demucs deep learning model. Architected end-to-end ML pipeline with Docker containerization, asynchronous GPU inference (ml.g4dn.xlarge), and cost-optimized auto-scaling. Built full-stack solution with React frontend and Node.js Lambda functions, integrated via HTTP API Gateway with security best practices (CORS, rate limiting, IAM authentication). ([GitHub Repo](#)) ([Use the app](#))

SKILLS

Windows Administration, VMware ESXi, AWS, M365, Azure AD, SCCM, Power BI, Terraform, Docker

EDUCATION

August 2018 - July 2021

Bachelor of Computer Application

Techno India Institute of Technology, Kolkata
CGPA: 8.8

ADDITIONAL INFORMATION

Languages: English, Hindi, Bengali

Certifications:

AWS Certified Cloud Practitioner
Data Analyst Associate with Power BI
Database MSSQL Admin
MTA: Windows Server 2016 Administration Fundamentals (98-365)