MANISH KUMAR

DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

Certified DevOps and Cloud Engineer with 4+ years' experience architecting, automating, and optimizing mission-critical deployments on AWS, Azure, and hybrid cloud environments. Skilled in Windows/Linux server management, Kubernetes, Docker, Terraform, CI/CD, scripting (PowerShell, Bash, Python), and virtualization (VMware, Hyper-V). Proven record in infrastructure migration, cost savings, process automation, and team enablement for global enterprise clients. Awarded for excellence in operations and IT service delivery.

SKILLS

Cloud & DevOps: AWS (EC2, S3, IAM), Azure (VMs, AD, Site Recovery), Docker, Kubernetes, Terraform/IaC (basic), CI/CD (Git, Jenkins, GitHub Actions – learning)
Systems & Virtualization: Windows Server (2008–2022), Linux (RHEL, CentOS, Ubuntu, Kali), VMware vCenter, Microsoft Hyper-V, VDI Horizon, DBMS
Automation & Scripting: PowerShell, Bash, Shell, Python
Networking & Security: TCP/IP, DNS, DHCP, SSL/TLS, WireShark, Firewalls, CyberArk, CIS Standards (policy implementation)
Monitoring & Tools: ServiceNow, Microsoft Teams, SharePoint, Zoe, M365
Artificial Intelligence: ChatGPT, Perplexity AI, Machine Learning, Pandas, NumPy

WORK EXPERIENCE

Deloitte | Oct 2021 - Present

Consultant | **Apr 2025 - Present**

- Managed 4000+ Windows/Linux servers across 30+ regions for global client Ball Corporation (Fortune 500).
- Led Windows Server 2022 migration project: analyzed 1000+ CIS standards, created 15+ new GPOs, implemented policies, and built new server environments.
- Executed server migrations (160+ from 2008/2012 to 2019) across 20+ locations, reducing downtime by 30%, resulting in eventual $100k cost savings.
- Planned and executed automated patch management for 500+ servers with zero SLA breaches, improving compliance and security posture.
- Managed domain controller promotions/demotions to ensure high availability of AD services and improve productivity by 95%.
- Authored and published 5+ KB/SOPs for repeatable infra operations.
- Delivered KT/training sessions to 5–6 new team members on infra activities and tools.
- **Applause Award :** For phenomenal client support ensuring uninterrupted operations.

Analyst | **July 2021 - Mar 2025**

- Spearheaded Java migration from Oracle to OpenJDK on 4000+ servers, testing and activating Azul JDK across environments.
- Provided operational support during P0 DR failover, including building 50% of infrastructure from scratch ensuring uninterrupted business continuity.

- **Spot Award:** For strengthening security with CyberArk privileged account scans.
- **ShoutOut Recognition:** For testing dev environment during change management releases.

PROJECTS

IT Infrastructure for Plant Floor Applications | Ball Corporation
- Administered AD services (user management, GPOs, access control) across 20+ sites.
- Built PowerChute serial shutdown solution to prevent critical server crashes during outages.
- Collaborated on multiple data center migrations with minimal service disruption.
- Supported hybrid environment initiatives with training in GenAI, Agentic AI, Cloud, Kubernetes, DevOps, Docker, and Linux.

Additional Projects:
- E-commerce application using React, Express, MongoDB, NodeJS.
- Machine Learning prediction model on medical dataset (Python, Pandas, Matplotlib).

EDUCATION

B.Tech in Information Technology | SRM Institute of Science and Technology
Kanchipuram, Chennai | 2017-2021
88.54%

CERTIFICATIONS

- Red Hat Certified System Administrator (RHCSA)
- Microsoft AZ-900: Azure Fundamentals
- Introduction to CyberSecurity (Cisco)