

MUDITHA MADUSANKA

Systems Engineer

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PROFESSIONAL SUMMARY

Experienced Systems Engineer with over 5 years of hands-on expertise in managing and supporting enterprise IT infrastructure. Specialized in virtualization technologies (VMware vSphere, NSX, Horizon View), Windows and Linux server administration, and Microsoft 365 environments. Skilled in deploying and maintaining backup solutions (Veeam, Commvault), web hosting platforms (cPanel, LAMP stack), and security solutions such as Sucuri WAF and CrowdStrike. Proficient in cloud platforms including Microsoft Azure and Amazon Web Services (AWS), with ongoing certification in Azure (AZ-900 & AZ-104). Known for strong problem-solving, client support, and a proactive approach to delivering secure, scalable, and resilient infrastructure solutions.

TECHNICAL SKILLS

- Virtualization: VMware vSphere, VMware NSX, VMware Horizon View, Desktop Virtualization
- Cloud Platforms: Amazon Web Services (AWS) - EC2, VPC, Route 53, S3, RDS, CloudWatch | Microsoft Azure
- Server Administration: Windows Server, Linux, Active Directory, DNS, DHCP, SCCM, INTUNE
- Microsoft 365
- Programming & Scripting: Python, bash scripting
- Monitoring Tool: Pandora, Grafana, vRealize, wazuh
- Backup Solutions: Veeam, Commvault
- Storage: HPE Storage, Dell Storage, Hitachi Storage, NetApp Storage
- Web Hosting: cPanel, WHM, LAMP Stack, Apache, Nginx
- Security: SSL Certifications, Sucuri WAF, CrowdStrike, Kaspersky Antivirus
- Automation & Tools: Ansible, CI/CD Pipeline, Patch Management (SanerNow), GitHub, Docker, Terraform

PROFESSIONAL EXPERIENCE

System Engineer

Lanka Communication Services (Pvt) Ltd. | February 2024 - Present

- Deployed and managed scalable AWS environments using EC2, VPC, Route 53, S3, and RDS
- Managed Azure cloud environment and monitored cloud infrastructure with CloudWatch, resolving real-time system failures
- Implemented vCenter 7 and ESXi 7 for virtualization infrastructure
- Managed HPE and Dell storage systems and servers
- Administered Veeam and Commvault backup servers, ensuring data integrity and disaster recovery readiness
- Provided support and management for Windows and Linux servers
- Troubleshoot high-priority client issues on Linux, Apache/Nginx, and database layers
- Managed Active Directory, DNS, and Microsoft 365 administration
- Handled web hosting (Linux/Windows) and managed services using WHM/cPanel
- Managed VMware vSphere infrastructure and configured NSX firewall
- Installed and maintained SSL certificates for secure communications
- Implemented patch management using SanerNow
- Configured and managed Ansible automation tool for infrastructure automation

Junior Systems Administrator

HNB Finance | April 2023 - January 2024

- Managed and organized VMware vSphere, Microsoft Office 365, and Microsoft Exchange environments
- Supported and managed Active Directory, DHCP, DNS, SCCM, and INTUNE
- Configured and maintained Microsoft Exchange and Office 365, including mailbox migration

IT Executive

Startek Inc. | September 2021 - September 2022

- Managed and configured Active Directory, DNS, and DHCP
- Configured and maintained Microsoft Exchange and Office 365, including mailbox migration

Customer Support Executive

KBSL Information Technology | June 2019 - May 2021

- Operated and maintained VMware Horizon View 7 infrastructure including connection servers, composer, and security servers
- Managed Hitachi and NetApp storage systems
- Maintained Kaspersky Antivirus for endpoint protection and VDI environments
- Performed VMware vCenter operations and maintenance, and VMware ThinApp preparation, testing, and modification
- Updated, monitored, and managed Windows servers using ManageEngine
- Customized and built gold images for Windows 7, 8, and 10
- Provided 24/7 customer support to maintain and deliver virtual desktops and applications in an efficient and secure manner

EDUCATION

BEng (Hons) in Software Engineering

London Metropolitan University | November 2022 - Present

BTEC HND in Computing

Pearson ESoft Metro Campus | October 2019 - October 2021

Diploma in Information Technology

Pearson ESoft Metro Campus | June 2019 - September 2019

CERTIFICATIONS & TRAINING

- Microsoft Azure Fundamentals (AZ-900) - In Progress
- Microsoft Azure Administrator (AZ-104) - In Progress

CORE COMPETENCIES

- Problem-Solving & Critical Thinking
- Adaptability & Continuous Learning
- Team Work and Collaboration
- Time Management & Prioritization
- Accountability and Ownership
- Client Handling and Customer Support

PERSONAL INFORMATION

- Date of Birth: December 02, 1996
- Nationality: Sri Lankan
- Marital Status: Single

REFERENCES

Mr. Lasitha Ranwaka

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