Kalyan Balasubramanian

- **Nationality:** Indian ● **City:** Chennai, Tamilnadu, India
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Professional Summary

Senior IT Engineer with 8+ years of progressive experience in architecting, administering, and supporting high-availability (HA) Enterprise Systems. Expertise in managing complex hybrid, multi-cloud environments (AWS, Azure) and on-premise infrastructure (VMware vSphere, Nutanix HCI). Proven expertise in end-to-end incident and outage management, proactive monitoring, and system hardening to ensure service reliability and minimize downtime. Skilled collaborator with deep technical breadth across Windows/Linux, Active Directory, and core network services, dedicated to enhancing performance and security

Work Experience

08/2025 – present

Independent Professional Development
Planned Career Break

- Planned career intermission for paternity leave and focused professional development.
- Concurrently leveraging this time for professional upskilling by independently studying for and pursuing **AZ-104: Microsoft Azure Administrator Associate Certification**.
- Now actively seeking a new opportunity with immediate availability to apply my extensive expertise in cloud, infrastructure, and production support

12/2022 – 08/2025

Chennai, India

Senior Engineer
Movate Technologies Private Limited

- Administered, monitored, and troubleshot a complex hybrid, multi-cloud environment spanning AWS, Azure, VMware, and Nutanix AHV to ensure high availability and reliability for all enterprise services.
- Architected, deployed, and managed highly available VMware vSphere environments, implementing vMotion, HA, and DRS to guarantee business continuity and optimize workload performance.
- Designed and delivered highly efficient Nutanix HCI environments, managing the full stack (AOS, AHV, Prism, LCM) and providing end-to-end support for hybrid infrastructures.
- Ensured core service integrity and security by administering Windows Server (Clustering, Active Directory, GPOs) and critical services (DNS, DHCP, Web Servers), while managing server backups to meet DR and SLA requirements.
- Designed and implemented scalable AWS and Azure cloud architectures, optimizing solutions for performance, cost-efficiency, and security (VNet, NSGs, Security Best Practices).
- Managed the full lifecycle of cloud (AWS/Azure) and on-prem (VMware/Nutanix) infrastructure, including automation, P2V/V2V migrations, and performance tuning

💼 Work Experience

09/2018 – 10/2022

Chennai, India

System Administrator
Zoho Corporation Private Limited

- Managed the end-to-end IT service lifecycle using Service Desk Plus, prioritizing high-impact incidents and outage management to rapidly restore services and minimize business disruption.
- Partnered with internal IT and network teams to accelerate troubleshooting, collaborating to identify root causes and implement solutions with minimal downtime.
- Proactively enhanced system security and stability by implementing server hardening techniques on Linux and Windows machines and managing a regular patch/update schedule to mitigate vulnerabilities.
- Provided direct support for critical applications, troubleshooting and maintaining Apache web servers and MySQL/PostgreSQL databases to ensure optimal performance and availability.
- Maintained data center server health, leveraging deep knowledge of core networking (TCP/IP, DNS, DHCP, VLANs) to diagnose and resolve complex connectivity and service issues.
- Administered the ManageEngine asset management system, maintaining an accurate inventory of all Windows, Linux, and Mac hardware for effective IT service delivery.

01/2016 – 12/2017

Chennai, India

System Administrator
Futurenet Technologies Private Limited

- Deployed and configured Zabbix for enterprise-wide monitoring, enabling proactive tracking of system health and uptime to ensure high availability for critical business services.
- Managed the full incident and service request lifecycle using OTRS, ensuring all tickets were logged, prioritized, and resolved to meet IT service delivery goals and user needs.
- Administered a hybrid environment, maintaining core infrastructure across Windows Server (2008-2016), Linux (Red Hat, CentOS), and AWS (EC2, S3, VPC).
- Ensured core service reliability and security by managing Active Directory, configuring Group Policies (GPOs), and maintaining essential network services (DNS, DHCP).
- Supported and maintained critical web and mail infrastructure by configuring Apache/Nginx web servers and enterprise mail solutions (Zimbra, Postfix, Sendmail).
- Managed and secured the network by troubleshooting connectivity, configuring Cyberoam and pfSense firewalls, and administering the VMware (ESXi, vCenter) virtualization platform

🎓 Education

06/2011 – 06/2015

Tamilnadu, India

Information Technology | Bachelor of Technology
Bannari Amman Institute of Technology

- Developed a deep understanding of Operating Systems by configuring and managing both Windows and Linux environments in lab-based projects, which

Education

built a strong foundation for my career in server administration and security hardening.

- Mastered core networking principles through coursework in TCP/IP, DNS, and DHCP, gaining practical experience in network design and troubleshooting that directly prepared me for managing enterprise-level network services and firewalls.
- Led a final-year capstone project to design and deploy a scalable web portal, managing the server, database (MySQL), and application layers, which provided early, hands-on experience in web server administration and incident management.

Notable Achievements

Proactive Infrastructure & Service Reliability

- Drove a strategy of high availability across all roles by implementing enterprise monitoring (Zabbix), leading server hardening and patch management (Windows/Linux), and architecting fault-tolerant solutions (VMware HA/DRS, Server Clustering).
- This proactive approach consistently ensured service reliability, minimized outages, and met critical SLA requirements

Hybrid Cloud & Infrastructure Modernization

- Successfully designed and deployed multiple modern infrastructure solutions from the ground up, including scalable Nutanix HCI environments and hybrid cloud architectures (AWS/Azure).
- Led cloud cost management initiatives to analyze and optimize resource spending, delivering significant performance gains and cost-efficiencies for the business.

Operating Systems & Software

Ubuntu Server	RHEL 6	Centos Server	Arch Linux
PROFESSIONAL	**PROFESSIONAL**	**PROFESSIONAL**	**PROFESSIONAL**

Debian	Windows Server 2008, 2016, 2019	Microsoft Windows	OTRS
PROFESSIONAL	**PROFESSIONAL**	**PROFESSIONAL**	**PROFESSIONAL**
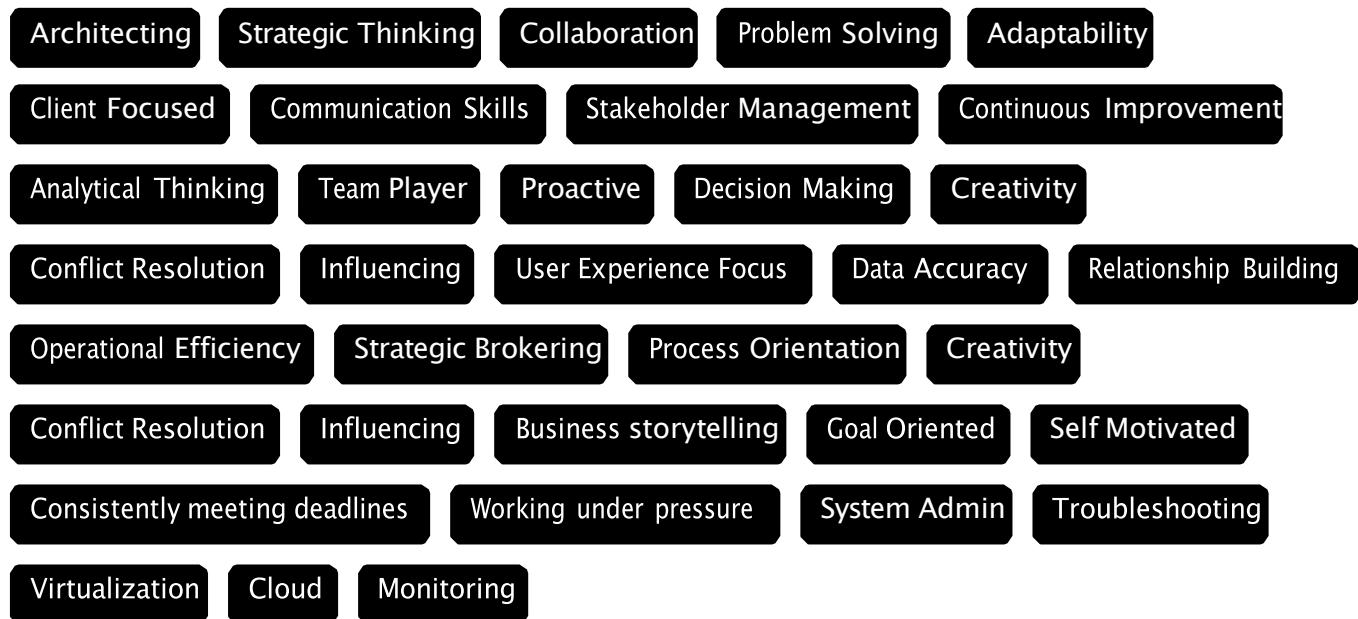
ServiceNow	ITIL	Linux Server
PROFESSIONAL	**PROFESSIONAL**	**PROFESSIONAL**

⭐ Strengths

Architecting Strategic Thinking Collaboration Problem Solving Adaptability

Client Focused Communication Skills Stakeholder Management Continuous Improvement

Analytical Thinking Team Player Proactive Decision Making Creativity

Conflict Resolution Influencing User Experience Focus Data Accuracy Relationship Building

Operational Efficiency Strategic Brokering Process Orientation Creativity

Conflict Resolution Influencing Business storytelling Goal Oriented Self Motivated

Consistently meeting deadlines Working under pressure System Admin Troubleshooting

Virtualization Cloud Monitoring

☑ Certificates

AZ-305 - Designing Microsoft Azure Infrastructure Solutions Certification - Completed

AZ-104 – Microsoft Azure Administrator Associate Certification - In Progress