VINOTH KUMAR

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Professional Overview

Results-driven IT Infrastructure & Cloud Specialist with 19+ years of experience across VMware, AWS, Azure, Windows, Linux, Citrix, and Networking. Expertise in datacenter operations, cloud transformation, migration, and security compliance, with proven ability to drive cost optimization and performance efficiency. Strong track record of coordinating cross-functional technical teams to engineer and deploy scalable, secure, and ITIL-compliant solutions in complex enterprise environments.

Certification, Trainings & Education

- ✓ 2022: Microsoft certified in (AZ-900, AZ-104, and AZ- 305) Azure Fundamentals, Administrator and Architect. MICROSOFT ID: 13498912.

- ✓ 2020: AWS Certified Solutions Architect – Associate - Validation Number: NPSMQGWJKFVQ129G.

- ✓ 2016: MCSA (Microsoft Certified Solution Associate). MICROSOFT ID: 13498912.

- ✓ 2012: Training: Red Hat system administration Training from Linux Learning Center.

- ✓ 2005: Training: Honor Diploma in Computer Service Engineering from HARDNET IT ACADEMY.

- ✓ 2005: Computer Technology from Thanthai Roever Institute of Polytechnic College.

- ✓ 2001: Secondary School (SSLC) from Fathima Matriculation Higher Secondary School.

Skills Sets

- Cloud Platforms: AWS (EC2, RDS, S3, VPC, Route 53, CloudWatch/CloudTrail, IAM), Azure (VMs, Azure AD, RBAC, VNets, AVD, Firewall), Multi-Cloud, IaaS/PaaS/SaaS, Cloud Migration.

- Virtualization & Datacenter: VMware vSphere, vCenter, ESXi, vMotion, HA/DRS, vCloud Director, Citrix XenApp, Capacity Planning, P2V/V2V & Lift-and-Shift Migrations.

- OS, Identity & Security: Windows Server (2003–2025), Linux, Active Directory, DNS, DHCP, GPOs, Patch & Security Management.

- AI Tools & Intelligent Automation: ChatGPT, GitHub Copilot, Google Gemini for AI-assisted scripting, cloud architecture design, DevOps automation, troubleshooting, documentation, and productivity optimization.

- DevOps, IaC & Automation: GitHub, Azure DevOps, Jenkins, GitHub Actions, CI/CD Pipelines, Terraform, ARM Templates, CloudFormation, Scripting.

- Containers & Kubernetes: Docker, Kubernetes (AKS/EKS), Helm, Autoscaling, Rolling Deployments, Prometheus & Grafana Monitoring.

- IT Operations & SRE: ITIL, ServiceNow, BMC Remedy, Incident/Change/Release Management, High Availability, RCA, SLO/SLA Governance.

- Monitoring, Backup & DR: Datadog, Nagios, Veeam, SAN/NAS, Backup & Disaster Recovery.

- Networking & Platform Security: VPN, ExpressRoute, Firewalls, Load Balancers, Routing & Switching, IAM/RBAC, Azure Key Vault, AWS Secrets Manager, Qualys.

- Leadership & Delivery: CAB Participation, Cost Optimization, Agile/Waterfall, Cross-functional Collaboration.

Experience
Product Lead | Tech Mahindra| Bengaluru
Client: Thomson Reuters (USA) | Dec 2016 – Present
Key Focus Areas: IT Operations, VMware, Cloud Computing, Site Reliability Engineering (SRE) & Devops.

IT Operations, Reliability & Release Management

- Managed end-to-end IT service operations aligned with ITIL (Incident, Problem, Change, Release) using ServiceNow, BMC Remedy, and HP Service Manager for business-critical platforms.

- Supported hybrid environments (~70% AWS/Azure, ~30% VMware) across global data centers managing 4,000+ servers, ensuring high availability, performance, and cost control.

- Acted as escalation owner for P1–P2 incidents, leading triage, RCA, and cross-team coordination to restore services within SLA.

- Participated in Change Advisory Board (CAB) and release governance, performing risk assessments and defining deployment and rollback plans.

Cloud Platform Engineering (AWS & Azure)

- Engineered and operated AWS infrastructure using EC2, Auto Scaling Groups, Application & Network Load Balancers (ALB/NLB), Route 53, RDS, S3, EBS, and FSx for scalable and resilient production workloads.

- Implemented AWS cost optimization through EC2 right-sizing, Auto Scaling tuning, S3 lifecycle policies, EBS snapshot retention, and standardized resource tagging.

- Enforced security, monitoring, and audit controls using IAM, Security Groups, NACLs, VPC Route Tables, CloudWatch, and CloudTrail.

- Designed and administered Azure IaaS/PaaS services including Virtual Machines, Managed Disks, Storage Accounts, VNets, Subnets, NSGs, Load Balancers, VPN Gateway, ExpressRoute, Azure Firewall, Application Gateway, and DDoS Protection.

- Managed identity and access using Azure AD (Entra ID) with RBAC, Conditional Access, and hybrid identity integration via Azure AD Connect.

DevOps, CI/CD & Release Engineering

- Designed and operated CI/CD pipelines using Jenkins, GitHub Actions, and Azure DevOps, enabling automated builds, testing, approvals, and zero-downtime deployments.

- Administered Jenkins Master/Agent infrastructure, managing RBAC, plugin lifecycle, credential stores, and master key rotation.

- Built Dev → QA → UAT → Prod pipelines with release gates, approvals, rollback mechanisms, and artifact validation.

- Implemented Blue-Green and controlled deployment strategies to improve release reliability and minimize production risk.

Container Platforms (Docker, ECS & ECR)

- Containerized applications using Docker, standardizing image builds, tagging, versioning, and CI/CD integration.

- Managed Amazon ECR repositories with image lifecycle policies, vulnerability scanning, and access controls.

- Deployed and operated Amazon ECS (EC2 & Fargate) services, managing task definitions, service scaling, and ALB/NLB integration.

- Monitored container workloads using Amazon CloudWatch logs, metrics, and alarms.

Virtualization, Windows, Linux & Web Hosting

- Administered VMware ESXi and vCenter, configuring HA, DRS, vMotion, and Lifecycle Manager, and standardizing VM lifecycle operations.

- Led datacenter migrations (P2V, V2V, lift-and-shift) using VMware Converter and Veeam, ensuring minimal downtime and data integrity.

- Managed Windows Server (2008–2025) and Linux (RHEL/Ubuntu) systems, including Active Directory, DNS, DHCP, WSUS, and baseline security hardening.

- Supported multi-site web hosting environments, administering IIS, Apache, and Nginx, managing virtual hosts, bindings, and application configurations.

- Managed SSL/TLS certificate lifecycle (issuance, renewal, rotation) for hosted applications, ensuring secure and compliant service delivery.

- Provided L2/L3 infrastructure and application support to development teams, troubleshooting OS, web, and network connectivity issues.

Security, Compliance & Network Reliability

- Managed DNS, IP addressing, traffic routing, and SSL/TLS lifecycle using Banana, F5 BIG-IP, Zipper, and Venafi.

- Administered CyberArk PAM and performed Qualys vulnerability assessments, prioritizing remediation of critical findings.

- Collaborated with security, network, and audit teams to maintain compliance and operational resilience.

IT Administrator | PVR Limited — Bengaluru
Jan 2016 – Aug 2016

- Managed HP ProLiant and Dell PowerEdge servers, including RAID, firmware upgrades, hardware health monitoring, and event log analysis.

- Administered VMware ESXi and vCenter, handling VM provisioning, snapshots, performance optimization, and virtual infrastructure support.

- Managed Active Directory, GPOs, and WSUS, automating patching and enforcing security policies across 300+ endpoints.

- Provided L1/L2 end-user and system support for Windows, macOS, and mobile devices; resolved OS, application, and network issues.

- Supported ERP and SQL Server 2008 environments, performing backups, restores, integrity checks, and minor database operations.

- Executed application release activities, including deployments, upgrades, validation, and rollback coordination.

- Supported LAN/WAN infrastructure, firewalls, and switches; managed IT assets, licensing, audits, and vendor coordination.

Customer Service Engineer | Accel Frontline Ltd — Chennai

Aug 2014 – Sep 2015

- Managed incidents and service requests using BMC Remedy (ITSM), ensuring SLA adherence and structured escalation.

- Performed bare-metal installation and configuration of Dell, HP, and IBM servers, including RAID setup (RAID 1/5/10) via iDRAC/iLO/IMM, firmware and BIOS updates, and hardware health validation.

- Installed and configured VMware ESXi on physical hosts and administered vCenter, handling host onboarding, datastore configuration, VM provisioning, and resource tuning.
- Provided L2 support for Windows Server (2003/2008/2012) and Windows clients, including patching, upgrades, system hardening, and performance troubleshooting.
- Administered Active Directory, Group Policy Objects (GPOs), and WSUS, enforcing security baselines and centralized patch management.
- Supported VDI/thin-client environments, enterprise email platforms (Lotus Domino, Zimbra), and endpoint security solutions.

IT Support Engineer | Blue Chip Systems — Hosur

Oct 2010 – Jun 2014

- Supported Windows and Linux systems (Windows XP–8, RHEL, CentOS, Ubuntu) and Windows Server 2003/2008 with AD DS.
- Managed Active Directory domains, Users, Computers, OUs, security groups, and Group Policy Objects.
- Delivered end-user support for MS-Office, ERP applications, antivirus, printers, enterprise desktops & Laptops.
- Supported virtualized and thin-client environments, Outlook/Lotus Notes, and performed system recovery and image deployments.
- Implemented and maintained LAN/WAN/Wi-Fi networks, switches, routers, and branch connectivity.

Field Support Engineer | Hi-Tech Solutions — Hosur

Feb 2006 – Sep 2010

- Installed and configured Windows client OS (9X, 2000, XP, Vista) for enterprise desktop and laptop rollouts.
- Performed hardware diagnostics, replacements, and warranty coordination for desktops, laptops, and peripherals to ensure service continuity.
- Supported end-user applications including Microsoft Office, antivirus solutions, and business-critical tools, minimizing downtime.
- Configured and troubleshot Outlook / Outlook Express, managing mailbox backups and OST/PST recovery.
- Installed and maintained printers, scanners, LAN cabling, switches, and routers, assisting with basic network and data recovery troubleshooting.

Thanking you,

Vinoth Kumar. S