

VINOTH KUMAR

IT Ops | VMware | Cloud AWS – Azure | SRE | DevOps

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PROFESSIONAL SUMMARY

Results-driven Senior Cloud Infrastructure Engineer and SRE with 19+ years of enterprise IT experience spanning AWS, Azure, VMware, DevOps, and ITIL operations. Proven track record managing 4,000+ servers across hybrid global data centers for Fortune 500 clients including Thomson Reuters (USA). Deep expertise in VMware, Cloud, CI/CD automation, container platforms, datacenter transformation, and security compliance. Consistently delivers high availability, cost reduction, and scalable architectures in complex multi-cloud enterprise environments.

CERTIFICATIONS, TRAINING & EDUCATION

- **2022** — Microsoft Certified: Azure Fundamentals (AZ-900), Azure Administrator (AZ-104), Azure Solutions Architect Expert (AZ-305) — Microsoft ID: 13498912.
- **2020** — AWS Certified Solutions Architect – Associate — Validation No: NPSMQGWJKFVQ129G.
- **2016** — MCSA: Microsoft Certified Solutions Associate — Microsoft ID: 13498912.
- **2012** — Red Hat System Administration Training — Linux Learning Center.
- **2005** — Honor Diploma in Computer Service Engineering — HARDNET IT Academy.
- **2005** — Diploma in Computer Technology — Thanthai Roever Institute of Polytechnic College.
- **2001** — Secondary School Certificate (SSLC) — Fathima Matriculation Higher Secondary School.

AWARDS @ TechM

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|------------------------|--------------------------|----------------------------|
| • 2017 Best Team Award | • 2019 Standing Ovation. | • ACE 2020/2021/2022. |
| • 2018 Pat on Back. | • 2021 Pat on Back. | • Service Award – 5 Years. |
| • 2019 Pat on Back. | • 2022 Bravo Award. | • 2024 Best Team Award |

SKILLS

- **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 (RHEL/Ubuntu), Active Directory, DNS, DHCP, GPOs, CyberArk PAM, Patch & Security Management.
- **DevOps, IaC & Automation:** GitHub, Azure DevOps, Jenkins, GitHub Actions, CI/CD Pipelines, Terraform, ARM Templates, CloudFormation, Bash/PowerShell Scripting.
- **Containers & Kubernetes:** Docker, Kubernetes (AKS/EKS), Helm, Amazon ECS (EC2 & Fargate), ECR, Autoscaling, Rolling Deployments, Prometheus & Grafana Monitoring.
- **IT Operations & SRE:** ITIL, ServiceNow, BMC Remedy, HP Service Manager, Incident/Change/Release Management, High Availability, RCA, SLO/SLA Governance.
- **Monitoring, Backup & DR:** Datadog, Nagios, CloudWatch, Veeam, SAN/NAS, Backup & Disaster Recovery.
- **Networking & Platform Security:** VPN, ExpressRoute, Firewalls, Load Balancers (ALB/NLB/F5), Routing & Switching, IAM/RBAC, Azure Key Vault, AWS Secrets Manager, Qualys.
- **AI Tools & Automation:** Claude, ChatGPT, GitHub Copilot, Google Gemini — AI-assisted scripting, architecture design, DevOps automation, documentation.
- **Leadership & Delivery:** CAB Participation, AWS Cost Optimization, Agile/Waterfall, Cross-functional Collaboration, Vendor Management.

EXPERIENCE

Lead —DevOps & SRE • Tech Mahindra | Client: Thomson Reuters (USA)

December 2016 – Present, 10 years.,

Focus: IT Operations | VMware | AWS & Azure | SRE | DevOps.,

- **ITSM:** Directed ITIL-aligned Incident, Problem, Change, and Release Management using ServiceNow, BMC Remedy, and HP Service Manager, consistently meeting SLA targets across business-critical platforms.
- **Hybrid Infrastructure:** Managed 4,000+ servers across hybrid infrastructure environments (AWS, Azure, and VMware), ensuring 99.9%+ service availability, operational stability, and infrastructure scalability.
- **Incident Management:** Served as the primary P1/P2 escalation lead, driving war-room coordination, root cause analysis (RCA), and corrective actions for high-impact production incidents.
- **Change Governance:** Represented engineering teams in Change Advisory Board (CAB) reviews, performing risk assessments and executing controlled deployment and rollback strategies for enterprise releases.
- **AWS Engineering:** Designed and administered AWS infrastructure including EC2, Auto Scaling, ALB/NLB, Route 53, RDS, S3, EBS, FSx, OpenSearch, Systems Manager (SSM), and Secrets Manager for secure and highly available application hosting.
- **AWS Cost Optimisation:** Optimized AWS cloud spends through EC2 right-sizing, storage lifecycle policies, snapshot governance, resource tagging standards, and capacity planning initiatives.
- **AWS Security:** Implemented AWS security best practices using IAM, Security Groups, NACLs, CloudTrail, CloudWatch, and GitHub-to-AWS OIDC federation for secure password less deployments.
- **Azure IaaS/PaaS:** Engineered and maintained Azure environments including Virtual Machines, VNets, NSGs, Application Gateway, Azure Firewall, ExpressRoute, DDoS Protection, and Entra ID (Azure AD) identity services.
- **CI/CD & DevOps:** Built and supported enterprise CI/CD platforms using Jenkins, GitHub Actions, and Azure DevOps, managing controller/agent infrastructure, pipeline governance, approvals, automated rollbacks, and release orchestration.
- **Secrets & Credentials:** Administered Jenkins global credentials, GitHub Secrets/Variables, JFrog Artifactory tokens, encryption keys, and enterprise secret-management processes to strengthen platform security and compliance.
- **Containers & ECS:** Containerised applications using Docker and managed Amazon ECS (EC2 & Fargate), including task definitions, service scaling, ECR lifecycle management, and load balancer integration.
- **Application Lifecycle:** Managed application onboarding, hosting, monthly release planning, environment readiness validation, production deployments, service retirement, and infrastructure decommissioning activities.
- **NGINX & DNS:** Administered NGINX reverse proxy environments, DNS provisioning, server-block configurations, service onboarding, DNS cleanup, and traffic-routing updates for newly deployed applications.
- **VMware & Migration:** Administered VMware ESXi and vCenter environments with HA, DRS, vMotion, Lifecycle Manager, and Veeam, leading data center migration and infrastructure modernization initiatives.
- **OS & Security:** Managed Windows Server and Linux platforms, Active Directory, DNS, DHCP, WSUS, CyberArk PAM, Qualys vulnerability remediation, and enterprise security compliance activities.

IT Administrator • PVR Limited — Bengaluru

January 2016 – August 2016.

- Install/Administrate HP ProLiant and Dell PowerEdge servers, including RAID configuration, firmware upgrades.
- Managed VMware ESXi and vCenter environments, handling VM provisioning, snapshots, and performance optimization.
- Administered AD, GPOs, and WSUS to enforce security policies and automate patch management across 300+ endpoints.
- Supported ERP applications and SQL Server 2008 environments, performing backups, restores, and routine maintenance tasks.
- Executed application deployments, upgrades, validation testing, and rollback activities to ensure service continuity.

- Maintained LAN/WAN infrastructure, firewalls, and switches while managing IT assets, licensing, and vendor coordination.

Customer Service Engineer • **Accel Frontline Ltd — Chennai**

August 2014 – September 2015.

- Managed incidents using BMC Remedy (ITSM), ensuring SLA adherence and structured escalation.
- Performed bare-metal installation of Dell/HP/IBM servers including RAID (1/5/10), iDRAC/iLO, and firmware updates.
- Installed and configured VMware ESXi on physical hosts; administered vCenter with HA, DRS, and vMotion.
- Provided L2 Windows Server support (2003–2012), Trend Micro Antivirus, IBM BigFix and VDI/thin-client environments.
- Administered Active Directory, including user and group management, Group Policy Objects (GPOs), and centralized patch management.
- Supported and maintained enterprise email platforms, including IBM Lotus Domino and Zimbra.

IT Support Engineer • **Blue Chip Systems — Hosur**

October 2010 – June 2014.

- Install /Configure/ Supported Windows/Linux systems (XP–8, RHEL, CentOS, Ubuntu) and Windows Server 2003/2008 Installation. with Active Directory and GPOs.
- Managed Active Directory domains, Users, Computers, OUs, security groups, and Group Policy Objects.
- Configure and manage virtualized and thin-client, Outlook/Lotus Notes, and performed system recovery.
- Maintain & troubleshoot LAN/WAN/Wi-Fi networks, switches, routers, and connectivity with network team.
- Engage with customers, vendors, and support teams to facilitate L3/L4 support.

Field Support Engineer • **Hi-Tech Solutions — Hosur**

February 2006 – September 2010.

- Installed and configured Windows client OS for enterprise desktop and laptop rollouts across multiple sites.
- Performed hardware diagnostics, replacements, warranty coordination, for desktops, laptops, and peripherals.
- Install, Configure and Outlook / Outlook Express, managing mailbox backups and OST/PST recovery.
- Installation Microsoft Office, antivirus solutions, Tally, ERP Software and business-critical tools.
- Installed and maintained printers, scanners, LAN cabling & Crimping, Configuring routers and switches.

Thanking you

Vinoth Kumar. S