# VINOTH KUMAR.S

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## Profile Summary: -

An IT infrastructure /technical specialist Specialized in managing cross-functional platforms like VMware / Windows / Linux / Citrix XenApp / AWS / Azure / Network. Expert in performing IT data center operations that involve migration, Implementation, and security to manage the project with company standards.Highly self-motivated to resolve problems and diffuse tensions in escalated situations.

## Certifications, Training, and 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: Honour 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.

## Skill Sets: -

- **VMware:** ESXi 5. X & 6. X & 7.0, Vcentre/Vsphere, Vcloud Director,Vrealize,NSX V & T and Vappliance.
- **Server OS:** Windows Server 2003/2008/2012/2016/2019/2022, AD, GPO, IIS, DHCP, DNS, DFS, WSUS.
- **Client OS:** Microsoft Windows 9. X, XP, Vista, 7, 8.1, 10, 11. and MS-Office Applications.
- **Cloud AWS:** VPC, EC2, Load Balancer, Security group, S3 - storage, ECS, Workspace, RDS, SSM, ACM, IAM, Directory Services, WAF & Shield, Cloud Watch, Cloud Trail, Cloud formation, CLI, Cost explorer, Managed Services, Code Deploy, Code Pipeline, Cloud Endure.
- **Cloud Azure:** Console monitoring, managing Subsricption, Vnet, NSG, ASG, LB, VM, virtual disk, Storage, CLI, AKS, Azure DevOps.
- **Ticketing Tools:** Service Now, ITSM – BMC, HP Service Manager.
- **Additional Hands-on** with Citrix XenApp 7. X, GPC, Linux, Networking & Firewall.
- **Infra Automation(IAC) :** Cloud formation, ARM, and Terraform.
- **Adequate knowledge of DevOps tools:** Git, Github, Jenkins, Azure DevOps, Docker, Kubernetes.
- **Management skills:** Infra Tech Architect, Data center operations, Team lead, Project delivery and statergic planing.

## Awards & Achievements @ Tech Mahindra

- ACE 2020/2021/2022
- 2022 Bravo Award
- 2019 Standing Ovation
- 2018 Pat on Back
- 2019 Pat on Back
- Service Award for 5 years of completion

✓ 2021 Pat on Back        ✓ 2017 Best Team Award

## Work Experience: -

**Company: Tech Mahindra, Bangalore. (12/2016 - Present)**
**Designation: Product Lead.**
**Job Responsibilities included but were not limited to below: -**

- Day-to-day operations start with ITIL Standards such as Request, Incident, Problem, and Change management with Service Now, BMC, and HP Service Manager.
- Responsible to handle and manage P1, P2, and P3 Incidents, Service requests as per client SLA with respective business teams within SLA.
- As per Business/Project standards, the requirements are fulfilled with waterfall and agile methodologies.
- Administrate and manage mixed environments with 60% in Cloud (AWS & Azure), 40% in Virtual environment, and multiple data centers from different locations across the globe with 2000+ Servers.
- Designed & built the client infrastructure in a cloud environment with secured and cost-optimized solutions for Infrastructure-as-a-service (IaaS), Platform-as-a-service (PaaS), and Software-as-a-Service (SaaS).
- Routine discussion to improve AWS, Azure cloud infrastructure availability, scalability, reliability, performance, and cost optimization of the AWS / Azure environment as per BU standards.
- Expertise in supporting mixed platforms like VMware, AWS, Azure, Windows, Linux, Citrix – XenApp (VApps), Networking, and data center operations in various (QA, UAT, & Production) environments.
- Responsible to fix vulnerabilities with Qualys scan report in QA, PPE, and PROD environment.
- Migrated V2C with Cloud Endure and managed multiple AWS accounts with multiple VPCs for both production and non-prod where the primary objectives included automation, build-out, integration, and cost control.
- Responsible to build and administrate AWS Services including Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, NACL, Route tables, and NAT.
- Creating and Configuring IAM users, groups, policies, roles, EC2, EBS, EFS, Volumes, Snapshots, AMI, Load Balancer (NLB / ALB), Auto scaling, S3, Glacier, FSX, RDS, ACM, CLI, Route 53, KMS, Cloud Watch.
- Configure S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirements and backup policies as per business standards.
- Hands-on experience in securing the Infrastructure on AWS using SSM (Patching Services), SNS, SQS, DDOS, WAF, Cloud Trail, Trusted Advisor, Workspace, Directory Services, and RDS native backup into S3 buckets.
- Extensive experience working on various Azure services including VNet, Virtual machines, App services, Databases, Load Balancers, auto-scaling, availability sets, availability zone, Load balancers, and storage accounts.
- Configuring Azure AD, Policy-based access, Azure Identity protection, and Multi-factor Authentication (MFA).
- Configure Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs, and subnets, Route tables.
- Support Azure DevOps in Kubernetes (AKS) implementation and hands-on with Kubectl cmdlets in Azure CLI.
- Implementing IAC including the creation of cloud formation, ARM, JSON resource templates, and terraform.
- Highly involved in data center migration to Manage P2V, V2V, and L&S migration across global Datacenters with VMware Converter & Veeam in various environments like DEV, QA, UAT, and Prod and ensure availability.
- Co-ordinate with the network team to plan the network structure for the new ESXi hosts like the number of NICs, vLANs, and subnets.

- Design, Install, configure, and manage ESXi 5.5, 6. x, servers with vCenter Management, V-Motion, DRS, and HA including updates and patches using Vmware update manager.
- Responsible to design solutions to Build new guest VMs, templates, cloning, snapshot, and allocating them to appropriate resource pools, upgrading VMware Tools for different projects.
- Install, configure, upgrade, and administrate 2003/2008/2012/2016/2019/2022 AD, DHCP, DNS, GPO, and IIS.
- Add-Delete-modify user account & group information, reset user passwords as per BU request in AD.
- Configuring WSUS server for client OS updates, software updates, and patches with IBM Big Fix.
- Hands-On with network tools to register and de-register internal and public IP with Banana, Big IP, and Zipper.
- Managing requests and renewing SSL cert and managing for Web Servers with Banana, and in Venafi console.
- Create, Manage, and monitor Storage LUN /NAS and backup server with the Avamar administration tool.

## Company: PVR Limited, Bangalore. (01/2016 - 08/2016)
## Job title: IT Administrator.

- Handled Servers HP ProLiant Server, Dell Power Edge R710, R720 /Tower Series 610, and IBM X Series.
- Install, upgrade, and troubleshoot Windows client XP, Win7, Win10, and Windows Server 2008, 2012.
- Add-Delete-modify user account & group information, reset user passwords in Domain controller.
- Install & Configure RAID, AD-DS, GPO, security Policy, and system-based policies.
- Configuring the WSUS server for client OS updates, software updates, and Patches.
- Install Escan & Eset Antivirus Server and ensure Client with proper updates on a regular basis.
- Install, upgrade, and troubleshoot ERP Client, Microsoft SQL Server 2008 & executing queries.
- Monitoring Server Hardware quality, network, firewall regularly, and event logs.
- Providing End to End Support for end-users and maintaining the AD server, ERP server & Mail Server.
- Providing first Level support for MAC OS & Apple phones for Wi-Fi/ Network issues.
- Install, Maintain, and configure Network - Switches, Routers & Firewalls as per policy.
- Responsible for Asset Management & Tracking; site Stock Maintenance Material in/Out.
- Compare & finalizing to Agree on costs - finalizing quotations, timescales, and standards of the project.
- Vendor relationships in Purchase Software & Hardware, AMC, Printer Support, Lease Line (ISP) Etc.
- Assist in the disposal of unused Systems & hardware for recycling for the best prices.

## Company: Accel Frontline LTD, Chennai. (08/2014 - 09/2015)
## Job title: Customer Service Engineer.

- Managing and scheduling tickets in ITSM7 (BMC Remedy) planning work targets for Junior Engineers.
- Installing and monitoring server hardware, configuring RAID Levels in Dell, HP, and IBM Servers.
- Install, configure, and manage ESXi 4.x, 5. x, servers with vCenter Management, Build new guest VMs, templates, cloning, snapshot and configuring thin clients.
- Install, upgrade, and troubleshoot Windows client OS & Windows Server 2003, 2008 & 2012.
- Maintain & Configure AD DS, DC, WDS, WSUS, GPO, OU, security, and domain-based policies.
- Add-Delete-modify user account & group information, reset user passwords in Domain controller.
- Maintain IBM Lotus Domino server; register new Mail ID, resetting passwords.
- Install, upgrade, configure, and troubleshoot email clients IBM Lotus Notes & Microsoft Outlook.
- Managing mail Server, controlling spam emails with tools like Xeams, and Zimbra.
- Install, configure, and maintain Trend Micro, E - Scan Anti-Virus Server with endpoint Protection.

- Responsible for Antivirus Server –Client Updates, Windows, Software updates, and Patches.
- Configuring - permission in Wireless Networks for Laptops, Mobile Devices, and End Users.
- Troubleshooting connectivity in network access LAN, WAN, VPN, and Wi-Fi.
- Configuring LTO tape backup and managing recovery methods.
- When the restoration is beyond the scope of the System Administrator; will escalate the issue/problem to proper tier 3 & 4 support.

**Company: Blue Chip Systems, Hosur. (10/2010 - 06/2014)**

**Job title: IT - Support Engineer.**

- Installation of Windows, and Linux desktop operating systems (XP, Win7, WIN8, Red hat, Suse, Ubuntu)
- Install Windows Server 2003 & 2008 and Active Directory, add-modify users, and reset passwords.
- Install and troubleshoot Microsoft Office 2K – 2013, Antivirus, Tally ERP, Printer, authorized desktop Applications & Hardware.
- Install, configure, and troubleshoot Microsoft Outlook & Outlook Express, IBM Lotus Notes.
- Install and configure thin client in virtual infrastructure for end users.
- Handling Norton Ghost, Data Recovery, Windows Recovery & application recovery.
- Implementing & troubleshooting network access LAN, WAN, and Wi-Fi.
- Installing & configuring non-managed SWITCHES, ADSL Modem, and Routers.
- Provides back-end support and assistance with CCTV installation, Support & Troubleshoot.
- Works with other IT team members regarding new branch builds and upgrades.

**Company: Hi-Tech Solutions, Hosur.  (02/2006 - 09/2010)**

**Job title:** Field Support Engineer.

- Install, and configure client OS 9X, 2000, XP, Vista and roll out services of new desktops, and laptops.
- Responsible for end-user computing and other devices preparation, configuration, backup, and connectivity.
- Hardware fault diagnosis first-level support on desktops and laptops under warranty.
- Installation and Support on Office software, Anti-virus software, IE, and other Business Critical Applications
- Install, Configure, troubleshoot Microsoft Outlook & Outlook Express and email Backups .ost & .pst.
- Install, configure, and troubleshoot Dot matrix, LaserJet printers, Network printers & scanners.
- Configure/troubleshoot LAN network, cable laying crimping & IO Punching.
- Install & configure non-managed SWITCHES, ADSL Modem and Routers.
- Manage AMC with third-party vendor & coordination for L2/L3 & Spares support.

**Declaration: -**

I hereby declare that all the statements made in the C.V. are true and Correct to the best of my knowledge and belief.

Thanking You,

Vinoth Kumar.S

* Supporting Documents and References will provide in need *