

Date of birth

06/07/1985 Nationality

Irish

PROFESSIONAL ROLE

Experienced Infrastructure Engineer with a strong focus on multi-cloud infrastructure and automation. I have a proven track record in leveraging cloud platforms to deliver scalable and reliable solutions. With expertise in Infrastructure as Code , I automate infrastructure provisioning and configuration. I am skilled in CI/CD pipelines and collaborate effectively with cross-functional teams to drive operational excellence.

Education & Certifications



Double VCP - Data Center Virtualization & Network...
Broadcom

Issued 9/11/15



Exam 409: Server Virtualization with Windows Server Hyper-V a...
Microsoft

Issued 2/27/14



VMware Certified Professional 6 - Data Center Virtualization
Broadcom

Issued 8/15/17



VMware Certified Professional 6 - Network Virtualization
Broadcom

Issued 9/11/15



AZ-304: Microsoft Azure Architect Design
Microsoft

Issued 2/6/21



Microsoft Certified: Azure Solutions Architect Expert
Microsoft

Issued 2/16/21



AZ-303: Microsoft Azure Architect Technologies
Microsoft

Issued 2/16/21



CKA: Certified Kubernetes Administrator
The Linux Foundation

Issued 3/27/21



Cisco Certified Network Associate Routing and Switching (CCNA...
Cisco

Issued 4/26/07

- **Badges** - https://www.credly.com/users/santhosh_ks
LinkedIN - <https://www.linkedin.com/in/santhosh-irl/>
Github : <https://github.com/santhoshpubg>

EMPLOYMENT HISTORY

Jul 2022 — Sep 2024

R & D Engineer IV, VMware by Broadcom

- Responsible for VMware's SASE Services and SDWAN infrastructure operations across global regions.
- Hosted services deployment across AWS/GCP and multiple VMware internal data centers globally.
- Lead SRE for infrastructure automation and orchestration with CI/CD solutions.
- Collaborated closely with DevOps, SRE, and Engineering teams to ensure smooth service delivery.
- Managed Kubernetes clusters, including worker node provisioning, pod deployment, scaling, and upgrades. - EKS & VMware-Tanzu Kubernetes Grid
- Configured Ingress controllers for external access and implemented Prometheus and Grafana for monitoring.
- Developed and maintained Jenkins pipelines and Ansible playbooks to automate tasks such as infrastructure provisioning (AWS EC2, VMware), configuration management, and application deployment.
- Proficient in AWS and GCP, including instance management (creation, termination, modification), volume management, and IAM roles. Experienced in migrating workloads between AWS and GCP.
- Utilized Python and Bash scripting for automation, monitoring, and troubleshooting. Investigated and resolved issues related to instance boot failures, performance bottlenecks, and application configuration.
- Implemented security best practices, including managing secrets, configuring IAM roles, and securing access to infrastructure and applications.
- Led cross-functional teams to resolve complex API issues and optimized pipeline efficiency for Managed Service teams.

May 2016 — Aug 2022

IT Senior Infrastructure Architect, SAP

May 2016 - Jul 2020

- Architected and implemented Data Centre platforms using VMware SDDC (vRA , vRO) and Infrastructure-as-Code
- Provided expert support for Compute, Storage, and Platform engineering
- Developed roadmaps and led strategic infrastructure projects
- Managed and advanced VMware infrastructure operations
- Delivered and supported Hybris cloud services for SAP Cloud Commerce Data Centres and Public Cloud
- Supported and administered core infrastructure and client services
- Collaborated with global teams to ensure seamless cloud operations for SAP E-commerce IT platform

Nov 2012 — Mar 2016

Technology Lead, INFOSYS LIMITED

- Expert in designing, installing, and maintaining physical and virtual servers, adhering to ITIL standards.
- Led successful data center migrations and consolidations, including a large-scale private cloud transformation.
- Implemented robust disaster recovery solutions using VMware SRM to ensure business continuity.
- Upgraded infrastructure components (vCenter, ESX, SRM, VDP) to optimize performance and reliability.
- Collaborated with clients to plan and execute infrastructure projects, responding to RFPs and providing technical expertise.

Dec 2008 — Nov 2012

Technical Lead, Nuance Inc.

- System Engineering & NOC Operations in a Critical Environment
- Resolved critical issues for the Voice Hosting System
- Managed infrastructure using ITIL best practices
- Expert in server virtualization and automation
- Led production operations and data center management
- Ensured high availability and performance for critical systems
- Proficient in troubleshooting, incident management, and automation tools

Aug 2006 — Dec 2008

Senior Engineer, HCL Tech

- Gained experience in ITSM monitoring and DC SysOps
- Installed and maintained Linux and Windows servers
- Performed remote server administration using DRAC
- Managed mail, web, and FTP servers
- Implemented security policies and developed shell scripts
- Configured and troubleshooted network services
- Monitored servers using Nagios and OpenNMS
- Managed user access, file permissions, and Cron jobs

Skills

Cloud and Infrastructure

- Cloud Platforms:
Multi-Cloud: AWS, GCP, Azure, VMware (ARIA, NSX, SD-WAN); Private Cloud: vSphere, ESXi
- Infrastructure as Code: Terraform
- Configuration Management: Ansible, Puppet, Salt
- Container Orchestration: Kubernetes, Docker, Helm, EKS, VMware-TKG
- Monitoring and Logging: CloudWatch, Grafana, Elastic Stack, Logz.io, Sumo Logic
- Networking: NSX, Load Balancers, TCP/IP, HTTP
- Storage and Backup: VNX, NetApp, Networker
- Virtualization: VMware

DevOps and Automation

- CI/CD: Jenkins, GitLab CI, Concourse, Runway, Nimbus
- Scripting: Python, Bash, PowerShell
- Automation: Ansible, Puppet
- DevOps Practices: SRE, DevOps
- Workflow Automation: Atlassian tools (JIRA), Collaborative platforms
- Source Code Management: GitLab, Bitbucket

System Administration

OS: Linux, Windows; Network Mgmt: NSX, Load Balancers; Web Servers: Apache, Nginx; Storage & Backup: VNX, NetApp, Networker; Security and Patch Mgmt.

DevOps and Site Reliability Engineering (SRE)

- DevOps, SRE, On-Call Rotation, Escalation & De-Escalation Mgmt, Troubleshooting, Deployment, Disaster Recovery

Soft Skills

- Leadership and Management: Leadership, Mentoring, People Management, Project Management
- Communication: Effective Communication, Technical Writing
- Problem-Solving: Troubleshooting, Problem-Solving

Service Management

- IT Service Management: ITSM, Incident Management, Change Management, Problem Management
- Pre-Sales and Consulting: Pre-Sales, Client Delivery Management, Technical Consulting

Languages

English & Tamil

Hobbies

MotorCycles, Cooking, Reading & Playing Cricket

Thank You ..!!