**SANTHOSH KUMAR. KONDAKINDI**

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**Professional Profile**

A skilled Cloud Engineer Manager, having accumulated and utilised a vast range of technological competencies in Infrastructure, Dev/Ops and enterprise data management. Able to liaise with other professionals, devising and building solid IT solutions, and leading migrations. Strong customer facing skills in data centre and cloud migrations, as well as supporting software development teams in hybrid cloud environments. End user focus in delivering Microsoft O365 design, build, test and migrate. Seeking a position to use accumulated experience, being geographically mobile.

**Core Skills**

* 4 years design, build, test, migrate to AWS / O365 Public Cloud
* 11 years IT department / consultancy / managed services (Storage consultant)
* Software Development Team support
* Migrate applications, data, workloads
* Migrate cloud to cloud / data centre to cloud
* Data Centre & Cloud Infrastructure administrator
* Enterprise Data Management
* Team working, collaboration, written and verbal communications
* Waterfall and Agile methodologies
* Customer and End User facing
* Troubleshoot and optimise performance

**Professional Competencies**

* Microsoft Azure / O365
* Amazon Web Services (AWS) Cloud
* Microsoft and Linux administration
* Enterprise and ecommerce systems
* Jenkins CI/CD pipeline support
* Git / GitLab / GitHub
* PowerShell / Shell scripting
* Linux (RedHat / Ubuntu)
* Apache / Tomcat
* MySQL
* High Availability Systems
* Backup and Disaster Recovery
* Identity Access Management
* Security groups and access controls
* Data migrations
* Application migrations
* ITIL & Cloud Agile Models
* Public and Private Sector Projects

**Technical Skills**

* **Operating Systems**: Linux, Solaris, Windows
* **AWS Cloud:** AWS Ec2, EFS, EBS, VPC, RDS, S3, Glacier, IAM, Security groups, RBAC permission, Kinesis, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, DynamoDB, Lambda, Route53, SNS, SQS, API Gateway, Elastic Search, Terraform, replication, high availability load balancing, availability groups
* **Microsoft (Office) 365:** Exchange Online, Azure Active Directory, Skype Online for Business, Teams, Yammer, SharePoint, OneDrive
* **DevOps:** Jenkins, GIT, Maven, Chef, Shell, PowerShell, Apache Tomcat, MySQL, Nagios, Cloud Watch, Cloud Trail
* **Enterprise Data Storage** VMware, Hyper-V, Windows Solutions, Active Directory, Virtualization, Disaster Recovery, Replication, Design, Build, Test, Migrate, Optimise
* **Storage Systems**: EMC Clariion, VNX, Hitachi NAS, VSP G series, VSP, USPV, AMS, HCP

NetApp Data ONTAP, SAN Switches, Brocade FC Switches, DCX Backbones

* **Storage Tools / Software**: EMC Unisphere, Hitachi Command Suite (HTnM, HTnM, HRpM), Storage Navigator, Universal Replicator, ShadowImage, TrueCopy, Brocade Network Advisor - BNA, Cisco Fabric Manager/ Device Manager, Cloud Volumes ONTAP, Storage Grid, Microsoft SCCM

**Professional Experience**

**Jul 2015-present Wolberry *Cloud & Infrastructure Engineer***

Working on range of projects and managed service accounts (finance, SMB, Telecom, Central Government Dept, including Nomura, CSC, Vodafone, SunGard, CTS-Centrica, Direct Energy, Oxfam, Kantar, and T-Systems)

**Cloud Migrations**

* Discovery of applications, workloads and data inventory for cloud migration planning
* Setup new AWS environments using VPC, private and public networks, regions and availability zones, routing table, Network ACL, NAT gateways, IAM/Active Directory, Route 53 and VPNs.
* Setup new application workloads using AWS EC2, EBS, S3, Security groups, ELB, RDS/SQL, Lambda based on requirements.
* Setup monitoring and logging Cloud Watch, Cloud Trail, Cloud Front, SQS, SNS
* Setup high availability, replication, back and disaster recovery using Cloud Formation, AWS Configuration, and autoscaling groups
* Design, build and test AWS environments to migrate applications, file shares and core Microsoft services from data centre to cloud and cloud to cloud

**Dev/Ops teams support**

* Built high availability for application server, which will eliminate the single point of failure, and adding redundancy to the Tomcat application server.
* Administer and implement Continuous Integration and Continuous deployment CI/CD using Jenkins.
* Design, build, test, support CI/CD pipeline using GitHub repo, Jenkins build server, Eclipse code deploy to dev, test and live environments
* Design, build, test application workloads using AWS EC2, MySQL with active-active replication, snapshots, clones
* Automate application builds using cloud formation for Java Web App, Tomcat web server
* Setup and manage GitHub code repository, branch management for Dev, Test, Prod
* Use either cloud formation or Terraform to automate build of AWS environments
* Worked with Terraform key features such as Infrastructure as code, Execution plans, Resource Graphs
* Troubleshooting AWS environments using System Status checks and alerts
* Setup databases in AWS using RDS, and backup using S3 storage buckets
* Monitor Production Server Health of different parameters (CPU Load, Physical Memory, Swap Memory, Hard disk, MySQL service, and Http service and response time)
* Automate build and migration processes with PowerShell scripts

**Microsoft O365**

* Setup Microsoft Azure and Office 365, subscriptions, tenants and optimising the Secure Score.
* Setup Active Directory, and Federated Services ready for workload migration.
* Configure anti-spam filtering, Exchange online email issues. Support eDiscovery information requests
* Implemented Security, Privacy & Compliance policies to protect and safeguard O365 data.
* Email migrations to Exchange Online using Cut-Over, IMAP, Staged, Hybrid methods
* Migrate personal and corporate file share using various methods robocopy, synchronisation and replication
* Resolve post migration user and performance issues, e.g. profile resets, permissions, password and Sync issues
* Monitored Office 365 systems and resolved any Online Application or Tenant issues
* Automated and executed Office 365 procedures using PowerShell.
* O365 Applications, end device and user administration Microsoft SCCM, Intune and Active Directory

**Data Storage Management**

* Level 2 and Level 3 SAN Storage and Data Management (UK, Europe, Asia, US)
* Administer Hitachi & EMC modular and enterprise storage systems
* Administer Brocade & Cisco Storage Area Network switches – CLI and GUI
* Administer Hitachi VSP, VSP, USP-V series arrays
* Troubleshoot and Optimise systems using Tuning Manager and vendor subject matter experts – AIX, Linux, VMware and Microsoft Windows
* Perform Disaster recovery and power maintenance storage and data splt/rejoin across global regions
* Vendor hardware break-fix, fabric/code upgrade management
* Good knowledge in storage procedures and documentation.
* Good understanding of storage architecture
* Co-ordinated with Onsite Engineer for any Hardware failures and Microcode upgrades.

**NAS- NetApp**

* Administer 5PB, 30+ filers around in APAC, EMEA, US regions
* Administer clustered ONTAP data - vservers, volumes, qtrees, namespaces, export Policies, netgroups (NFS), snapmirror to DR sites, troubleshooting and NetApp escalations
* Use DFM/Operations Manager – monitor filers worldwide, address threshold alerts, (% full, aggr, volumes, qtrees, connectivity loss, latency performance)
* Data Migration using Snapmirror and Qtree Snapmirror

**Nov 2012-May 2015 HCL, India *Hitachi Storage Administrator***

**Jan 2014- May 2015 Mecom (**European consumer-publishing group)

Managed data storage service – Hitachi VSP, AMS and HNAS, EMC CX100 with full business continuity and disaster recovery. SAN Storage systems, Brocade DCX fibre channel switches, HORCM True Copy™ and Shadow Image™

**Mar 2013-Dec 2013 Nokia/Microsoft (Mobile Devices & Systems Manufacturer)**

* Technical migration of Hitachi & HP storage systems
* Technical lead working with different business units in Nokia.
* Discovery, gather storage system inventory, disaster recovery and business continuity requirements
* Prepare Run Book for all Hitachi and HP Storage Systems
* Knowledge transfer to offshore teams for successful transition between onsite and offshore teams
* Virtualise modular AMS arrays using Hitachi Universal Volume Manager (UVM)
* Migrate data from HP EVA storage arrays using Tiered Storage Manager (TSM) to existing Hitachi VSP arrays
* Day to day storage operation tasks

Technologies

SAN: Hitachi VSP/G1000, USP-V/VM, AMS 2500, HP P9500, XP24000, HP EVA/HSV 210, 450

NAS: Hitachi NAS (HNAS 3090 & 3080), NatApp FAS Series

SAN Switches: Cisco MDS series & HP SAN Switches

**Apr 2009-Nov 2012 Avyaya, India *Hitachi / EMC Storage Administrator***

* Hitachi and EMC enterprise storage administrator
* True Copy™, ShadowImage™, Copy-On-Write™ and Hitachi Universal Replicator.
* Administer Brocade fibre channel switches - 4800, 4100, B300
* Troubleshoot and performance optimise systems

**2007-2009 Freeland IT Systems Administration**

Customers: Laughing Lions/Techgene/Anblicks

* System Admin - laptops, desktops, servers, routers, switches.
* Update and maintain global IT Inventory, Active Directory, AD Sync, and ADFS Group Policy, File Servers

**Qualifications and Professional Training**

NetApp Cloud Volumes ONTAP 2019

NetApp StorageGrid 2019

AWS Associate Architect Certified 2016

NCDA Boot Camp Data ONTAP Cluster Mode 2014

Hitachi VSP 2013

**Further Details**

* Driving licence, geographically mobile
* Nationality: Indian
* Work permit for UK and Europe (Tier 2 General Visa)
* Open to Relocate anywhere in UK/Europe
* Santhosh works for Wolberry as an IT Enterprise Consultant

**References available on request**

*“Thanks for all you’ve contributed – made a big difference.” Public Sector CIO*