**RESUME**

**Mobile: 9008677663**

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**Career Objective:**

To attain a challenging position in the field of Cloud Computing environments where I can prove myself for the growth of the Organization which would enhance my skills.

**Professional Summary**:

8.5 years of industry experience in Offshore & Onsite experience in Cloud Computing, Virtualization IT Environments infrastructure, good command in the areas of AWS Cloud computing, On-Prem Virtualization (VMware & Hyper-V) Administration, Solutions, Installing, Migrating and managing infrastructure.

**Onsite Experience: (Australia - Melbourne)**

* **From 23rd Aug18 to 17th Nov18:** Worked &Involved with Project teams forVMware On-Prem Environment to AWS Cloud Migration Project.
* **From 8th Feb20 to 7th Mar20**: Worked &Involved with Project teams forHyper-V On-Prem Environment to AWS Cloud Migration Project.

**Primary Skills:**

* **Cloud & Virtualization Technologies:** AWS Cloud, VMware, Microsoft Hyper-V
* **Operating Systems**: Windows Client 7/10, Windows 2008/12/16/19, Linux(RHL), Unix, Cent OS.

**Technical Exposure**:

**Cloud Technologies:** Amazon Web Services (EC2, Route53, S3, RDS, CloudWatch, CloudFront, IAM, CloudFormation, Terraform, Dynamo DB, Lambda, SQS, SNS, VPC, ELB, ALB, Glacier, Elastic Beanstalk etc.)

**Virtualization**: VMware, Microsoft Hyper-V

**Server OS**: Linux, RedHat 7,8, CentOS 6.10, 7.8,8.2, Windows 2008/12/16/19

**Load Balancers:** AWS Load balancer (ELB)and Apache Load Balancer, VMware DRS, Hyper-V VM DO

**HA Services:** AWS (EC2, RDS, AS, ELB, SNS, VPC, Route 53, AMI), VMware HA, Hyper-V FC

**DB:** RDS, MySQL, PostgreSQL, Dynamo DB

**Scripting Languages:** Python**,** PowerShell

**Monitoring Tools:** Amazon CloudWatch, Nagios, vRops, Fix-Stream

**Ticketing Tools:** ServiceNow, BMC Remedy

**Technical Training’s:**

* **AWS Certified Solutions Architect Associate** (**SAA-C02**) Certified by AWS on 16/11/2020.
* Received Certification of completion for **AWS Cloud Practitioner Essentials (Second Edition)** from AWS Training & Certification on 13/07/2020.
* Received **AWS Academy Graduate Badge** from AWSon completion of AWS academy cloud architecting on 16/10/2020.
* VMWare vSphere (VCP5-DCP) Training completed from AJR Technologies, Bangalore.

**Professional Experience:**

**Project 4: (Apr 2018 to Current)**

**Company: Tech Mahindra Limited, Hyderabad**

**Designation: Sr. Software Engineer**

**Role: AWS Cloud Administrator (L1&L2)**

**AWS Cloud Responsibilities:**

* Worked on Amazon Web Services with a multitude application utilizing almost all the AWS stack (Including EC2, S3, EBS, Route53, RDS, CloudWatch, CloudFront, IAM, Dynamo DB, SQS, SNS, VPC, CloudFormation, Terraform, Lambda, ECS, ELB, ALB, Snowball Glacier, Elastic Beanstalk. etc.) focusing on high-availability, fault tolerance, and auto-scaling.
* Involved in Migrating the current VMware environment to AWS/RHEL Linux environment and used auto scaling feature.
* Create a CloudFormation template & provide permissions with all the AWS resources (like EC2 or RDS DB instances) to simplifies provisioning and management on AWS
* Increasing EBS volume’s storage capacity when the root volume is full using AWS EBS Volume feature, also EFS file system allows to mount file system across multiple regions and instances.
* Configure domain name service (DNS) through route53 to route traffic in different AWS regions and maintain highly available, fault tolerance and scalable applications in different AWS regions.
* Setup/Managing CDN on Amazon CloudFront (Origin Path: Server / S3) to improve site, also Used GZIP with AWS CloudFront to forward compressed files to destination node/instances.
* Created users and groups using IAM and assigned individual policies to each group.
* Created S3 buckets in the AWS environment to store files, SNS notification which are required to serve static content for a web application.
* Used security groups, Network ACL’s, internet gateway to ensure a secure zone for organization in AWS public cloud.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, RHEL, Unix, Cent OS and Windows and wrote shell scripts to bootstrap instance.
* Performed daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
* Create, Manage, configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environments for EC2 instances.
* Deploy, Test AWS CloudFormation templates through CI /CD Pipelines in multiple AWS Regions .
* Installed and configured Jenkins tools on Linux and windows platforms, manage slaves and installing Jenkins plugins
* Streamlined Build process for Fortify scan of code from Manual to Automated mode by setting up Jenkins Automation environment, thus reducing manual error prone, build time, no logging to machine is required.
* Create/Managing buckets on S3 (CLI) and store DB and logs backup, upload images for CDN serve.
* Create snapshots and amazon machine images (AMIs) of the instances for backup and creating clone instances.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Creating AWS Instances and Resources Billing & Pricing models for cost management.
* Experienced in creating multiple VPC’s and public, private subnets as per requirements and distributed them as groups into various availability zones for the VPC
* Setup, Managing Nagios and CloudWatch for monitor critical system health, performance, security, disk usage. Etc.
* Installed and Setup Web Servers (Apache and Tomcat), DB Server ( MySQL).
* Installed and Setup MySQL (Master and Slave) Server, Multiple MySQL Instance with a different port.
* Used AWS Beanstalk for deploying and scaling web applications and service developed with Java
* Providing data for a weekly and monthly report to senior management.
* Monitor Production Server Health of different parameters (CPU Load, Physical Memory, Swap Memory, Hard disk, MySQL service, Http service and response time) via CloudWatch & Nagios.
* Investigation and Recover of Production Server Issues like as Server load (parsing, mailq(SQS), query stuck), etc.
* Setting up a new DNS and a corresponding VHOST to make the website functional.
* Created NAT gateways and instances to allow communication from private instances to the internet through bastion hosts.
* Create and configure AWS CloudTrail that enables governance, compliance, operational auditing, and risk auditing of your AWS account.

**Project 3: (July 2017 to April 2018)**

**Company: Infosys Limited, Bangalore**

**Designation: Technology Analyst**

**Role: VMWare & Hyper-V (L2 & L3)**

**VMWare & Hyper-V Responsibilities:**

* Installation, Configuration, Administration and Troubleshooting of ESXi(6.x), vSphere(6.x), VC, VI Client & vSphere Web Client in VMware VVD Software Defined Data Center Environment.
* Configure, manage User, Group, Permission, Role, Resource pool on VMware VVD environment.
* Create, Manage Virtual Machines using OVF, VM Template and VRA automation build, trouble shoot build issues.
* Perform ESXi host’s quarterly patch update vCenter to fix the Vulnerabilities by using VMware VUD.
* Monitoring of Virtual Machines& ESX hosts (CPU, Memory, Disk and Network.Etc) for Security.
* Troubleshooting issues relating to V motion & SV Motion such as compatibility issues with event log.
* Configure, Manage vRops(Mon), vRA(Automation), vRLi(Log’s), Skyline(Case), vRLCM(Lifecycle), NSX Manger(Network), vRo(Orchestration) tools in VMware VVD Infra.
* Configuring Host profile at the cluster level to as per VMware VVD & maintain standardization.
* Configure Virtual Machines port groups at DV Switch & NSX manager layer.
* Configure edge, Logical switches, subnets, gateway routing, DLR, SDLR, Firewall policies at primary & Secondary NSX manager.
* Installation configuration and Managing ESX hosts and host profiles using CISCO UCS manager.
* Troubleshoot all types ESX host hardware issues at Chassis and blades through UCS console and log a case with CISCO to rectify them.
* Upgrading UCS Manager Firmware upgrade activity to avoid known issues & Security Compliance’s.
* Creating Clusters for High Availability (HA) and Distributive Resource Scheduling (DRS) at VC Level.
* Performance tuning of VMware servers, Virtual sessions and management of server resources between Virtual Machines by using Nagios, vRops and ESXTOP commands.
* Trouble issues related to ESXi Host not responding and disconnected from vCenter and vCenter server is down and vCenter connectivity and rectify them.
* Create Protection groups for Production machine critical & VMware VVD Management layer VM’s in SRM and perform weekly and monthly Disaster DR Drill activities and recover the VM’s from Primary to DR site Vice Versa.
* RCA for Open Problem tickets for repeated issues in the VMware vSphere & Hyper-V environment’s and prepare 4Q & 5Q reports to prevent them in future occurrences.
* Configure storage devices in relation to VMware, Hyper-V such as NFS and NetApp, EMC Unity, VMAX, VNX, PURE and Storage Design and Configuration (NFS, FC, iSCSI, SMB).
* Installing and Configuring the SCVMM (Hyper-V Manager) 2012/16 Server Role’s.
* Creating and Managing Virtual Hard Disks, Virtual Machines, and Checkpoints
* Creating and Configuring Virtual Machine Port Groups, Networks, Subnets.
* Virtual Machine Migration and Hyper-V Replication & Cloud Replication for Hyper-V.
* Configure, Manage High Availability, Dynamic Optimization (DRS) for Hyper-V clusters in SCVMM.
* Configure & Implementing Failover Clustering with Hyper-V
* Installing and Configuring System Center 2012/16 Virtual Machine Manager in SCVMM.
* Experience working with cloud providers such as Amazon AWS, Microsoft Azure as well as the services they provide for Orchestration, Logging, Monitoring, and File Storage.

**Project 2: (April2016 to July 2017)**

**Company: Team Lease Services Limited, Bangalore**

**Designation: IT Support**

**Role: VMWare & Hyper-V (L1&L2)**

**VMWare & Hyper-V Responsibilities:**

* Installation, Configuration, Administration and Troubleshooting of ESX, ESXI, vSphere, Virtual Center, VI Client.
* Managed Virtualization Environment using VM Ware ESX 5.x, 6.x, VMware vSphere 6.x, Virtual Center, VI Client, and P2V.
* Configure and manage User, Group, Permission, Role, Resource pool on VMware virtual center.
* Configuring Host profile at the cluster level to maintain standardization.
* Creating and managing the storage cluster and the SRDS automation.
* Create, deploy, Managing Virtual Machines from Templates.
* Updating ESX host’s using VMware Update manager.
* Configured Resource Pool, clones Motion, Alerts, Alarms, NTP.
* Managing an ESX Host’s, HA & DRS Clusters from Virtual center.
* Performing P2V, V2V and NFS Migration using VMware Converter.
* Performing Snapshots, Cloning, Cold Migrations and Hot Migrations.
* Monitoring of Virtual Machines& ESX servers (CPU, Memory, Disk and Network) for Security.
* Troubleshooting issues relating to v motion such as compatibility issues with help of event log.
* HP & Dell Blade & RAC Servers: Installation and configuring, remotely install Windows Operating system and ESXi, manage and troubleshoot.
* Installation configuration and Managing ESX hosts and host profiles using CISCO UCS manager.
* Trouble shoot all types ESX host hardware issues at Chassis and blades through UCS console and log a case with CISCO to rectify them.
* Responsible for successfully upgrading all hosts and vCenter servers to vSphere 5.
* Creating Clusters for High Availability (HA) and Distributive Resource Scheduling (DRS).
* Assign LUN ID to the ESXi Hots which is been crated and given by storage teams.
* Trouble & Rectify issues related to ESXi Host not responding and disconnected from vCenter and vCenter server is down and vCenter connectivity with DB.
* Create Protection groups for VM’s in SRM and perform weekly and monthly test DR activities.
* Installing and Configuring the Hyper-V Server Role
* Creating and Managing Virtual Hard Disks, Virtual Machines, and Checkpoints
* Creating and Configuring Virtual Machine Networks
* Virtual Machine Movement and Hyper-V Replica
* Implementing Failover Clustering with Hyper-V
* Installing and Configuring System Center 2012&16RVirtual Machine Manager

**Project 1: (July2012 to April2016)**

**Company: Adecco India Pvt Ltd, Bangalore**

**Designation: IT Support**

**Role: Wintel & VMWare (L1)**

**Windows & VMWare Responsibilities:**

* Worked on physical server builds and trouble shoot the issues with builds.
* Installation and configuration of windows server roles (AD,DNS,DHCP,FTP) in Wintel infrastructure.
* Build the windows cluster server builds and trouble shoot the cluster issues.
* Installation MacAfee and trouble shoot the issues at client level.
* Installation and configuration of SCCM & SCOM agents at client level for trouble shoot the issues.
* Installation and troubleshooting RDS and Static Route configuration for windows servers.
* Working with vendor HP, Dell, IBM, and Cisco for all the type’s window’s server’s hardware issues.
* Perform Security Health Check & Compliance vulnerability fixes for HP ILO & Dell IDRAC and window’s servers as per the planned down time.
* Daily BAU L1/L2 Calls Support on Windows 2003 and 2008/12 Server Family infrastructure.
* Ensure that all IT equipment’s are tagged and updated on the asset inventory system. closely with Change Management to ensure that all changes are logged and carried out as planned.
* Building Windows 2008 and 2012 servers by accessing Chassis\Blade.
* Installation, Configuration, Administration and Troubleshooting ESXI, vSphere, Virtual Center.
* Managed Virtualization Environment using VM Ware ESX 5.x, VM Ware vSphere 6.x, Virtual Center, VI Client, and P2V.
* Provision of Virtual Machines by using Manual builds.
* Performing Snapshots, Cloning, Cold Migrations and Hot Migrations.
* Configured Resource Pool, clones Motion, Alerts, Alarms, NTP.
* Migrating of Virtual Machines using V Motion.
* Managing an ESX server host from Virtual center.
* Monitoring of Virtual Machines& ESX server (CPU, Memory, Disk, Network Utilization) for Security.
* Creating duplicate Virtual Machine’s using cloning technology (hot & cold).
* Installation, configuration and deployment of VMware products such as VMware Workstation, VMware converter, VMware View, VCB and more in virtual environment.
* Executed daily operational changes in multiple VMware environments.

**Strengths:**

* Problem Solving & Analytical Ability.
* Ability to work under pressure.
* Work dedication & Sincerity.
* Good communication skills.

**Awards & Achievements:**

* Received “**Bravo**” award for exceptional performance in a one-time task from Tech Mahindra.
* Received “**AQT Ninja**” for completing AEA & AEB Advanced Robotics Automation certifications from Tech Mahindra.
* Received “**Pat On Back**” award for producing high quality of work over an extended period from Tech Mahindra.

**Educational Qualifications:**

* Master of Computer Applications (MCA) completed from DR MGR Educational & Research Institute University, Chennai, Tamil Nadu State in 2009 with 72%.
* Bachelor of Science (BSC-MPE) completed from Kakatiya University, Warangal, Andhra Pradesh State in 2006 with 75%.
* Intermediate (XIth-MPC) completed from Board of Intermediate Education, Andhra Pradesh in 2003 with 68%.
* SSC(Xth) completed from Board of Secondary Education Andhra Pradesh in 1999 with 57%.

**Personal Profile:**

Name: Ramesh Chebolu

Father Name: Srimannarayana

Date of Birth: 10/05/1984

Marital Status: Married

Languages Known: Telugu, Tamil, Kannada, English, Hindi

**Declaration:**

I hereby declared that the information furnished above is true and correct to the best of my knowledge.

Place: Hyderabad Ch Ramesh

Date: