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## **Professional Summary**

- 11 years of experience in IT industry with experience in Linux, Windows,VMware/Hyper-v/KVM server administration.
- Hands on experience In Cloud Services of AWS, Azure, Rackspace ,GCP& O365.
- Hands on experience In DevOps Tools Jenkins,Ansible,Chef,Nagios,Docker,Git.
- Hands on experience in Networking switches and Firewalls .
- Hands on experience in Physical servers, Storage Servers, Rack servers,Hp iLO,Dell IDRAC.
- Hands on experience in Webhosting ,DNS Management and migrate the servers to cloud.

## **Tools & Technologies**

Cloud Technologies	-	AWS, Azure, Rackspace, O365
Operating systems	-	Red hat 6, Cent OS 7, Ubuntu,Microsoft Servers 2003, 2008 R2 , 2012 R2,2016.
Hardware	-	HP Blade Server, HP Proliant Servers and Dell PowerEdge Servers.
Database	-	My SQL ,MongoDB,MS SQL
Web Hosting	-	LMS,CMS,LAMP,IIS,Tomcat,Nginx
Domain Management	-	Godaddy,Route 53,Hostinger,Cloudflare.
Monitoring Tools	-	Nagios, Cloudwatch, Op-manager, Spice works ,DellKace
Virtualization	-	VMware 6.0, KVM ,Hyper-V
Security	-	Fortinet (300C, 60D), Sophos XG 135
Endpoint	-	Sophos Endpoint Protection,Mcafee
Version Control	-	Git,SVN,TFS

## **Professional Experience**

**Blue Marble Smart Ware Pvt Ltd.,Chennai**

**06/2016 - Present**

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Designation: **Systems Administrator**

Responsibilities: Manage In-house Physical and virtual server,AWS /Azure cloud server & services, domain management ,webhosting, monitirong, patch update, deploy servers and services on servers,vms and docker containers.

### **Cloud**

- Launching and configuring of Amazon EC2 Instances and Azure VMs.

- Experience In AWS services EC2,S3,Lambda,VPC,Route53,Cloudwatch,Loadbalancer,auto scaling,IAM,Billing,AWS Cli.
- Experience in the AWS Devops services like Codecommit,code Build,Code deploy,Code Pipeline
- Designed and configure the application server using load balancer and EC2
- Worked as a part of AWS build team on AWS Single Sign On, AWS VPN Connection, Custom VPC and Migrating and Managing DNS entries in Route 53.
- Provisioning RDS database Servers for PHP and other applications servers.
- Configuring Cloud Watch alerts and for monitoring Instance, RDS, ELB, EBS and S3.
- Knowledge in creating and configuring S3 bucket with restricted policies, Lifecycle Management, Versioning and Amazon Glacier for archiving data
- Launching and configuring of Amazon EC2 Instances using AMI's and configuring the servers for specified applications.
- Creating AMI images of critical ec2 instances as backup and will do AMI's windows hardening.
- Having the experience in aws services Code commit,Cloud trail,Storage gateway,EFS
- Create the users,roles,policies and provide rights to users in IAM
- Experienced in Amazon certificate manager.
- Designing and Deploying Highly scalable infrastructure using AWS EC2, Auto Scaling, Elastic Load Balancer, VPC, IAM, Cloud Watch, RDS, S3 and Route 53 services.
- Implemented and managing Nagios monitoring tool in AWS.
- Monitoring and alerting on physical servers, VM's and aws Instances using Nagios and Cloudwatch.

### **Migration**

- Migrating AWS to on premise VM's using AWS Import/Export.
- Migrating on premise VM's to Azure using Azure Site Recovery.
- Migrating on premise VM's to AWS with AWS server migration services.
- Host and Migrate the web servers from NYI to Azure, Azure to in-house Datacenter.
- Dockerize the Physical server to a Docker container.
- Convert Physical machine as VMs and migrate to AWS And Azure cloud infra

### **Server Administration**

- Expertise in installing and configuring a virtual machine in Hyper-V , KVM and VMware.
- Installing, configuring & administrating File servers in windows server 2012 R2 & windows 2016
- Monitoring and Managing IT environment which includes physical, virtual and cloud servers.
- Managed windows services – AD, DNS, DHCP, TFS, IIS, Group policy, WSUS,WDS.
- Involve and supporting in all operations in Datacenter, like in Day-to-day activities and during maintenance and emergency time. Need to review the Active Directory policies, manage users, computer, groups and OUs as per ISMS needs.
- Configure and managed Sophos XG firewall (VPN,NATing,Web filter rules,Port forwarding,LDAP Auth)
- Implement the Open source video conferencing Server using Jitsi
- Implement the Online learning Management servers(LMS) Moodle,BigBlueButton.
- Implement the Online Streaming Server service Ant Media server.
- Configure Multi sites on nginx,Apache and IIS
- Configure Reverse proxy,Loadbalancer,Multisite on Nginx server for Node Application servers.
- Implement the Gitlab CE Server in on premises data center to secure the application source code.

## **Client Projects:**

### **Client : Abaxystech (Devops Project)**

- Implement Openvpn for secure the network
- Implement The CI/CD Pipe line with high availability DevOps Architecture on AWS Servers
- To integrate the pipeline install and configure Jenkins
- To Isolate the network using custom VPC and private Subnet implementation
- To secure the source code using code commit
- Implement Apache virtual host for Cost Efficiency in Development environment
- Using lambda function schedule the server uptime and down time.

### **Client:MobileMediClaim – (AWS Dev ops Project)**

- Implement The DevOps CI/CD Pipeline using AWS DevOps tools (Codecommit,code Build,Code deploy,Code Pipeline)
- To deploy the Java application configure the Docker service in AWS EC2 servers.
- Implement application load balancer for isolate the product server

### **Client : SCEH (Dr. Shroff's Charity Eye Hospital) (AWS Web Server)**

- Implement Wordpress CMS server for Client website
- Install configure the Product server using IIS with dotnet core application on AWS
- Implement the loadbalancer for product Servers high availability
- Using Cloudflare for secure website from DDoS Attacks

**S4Carlisle Publishing Services, Chennai**

**07/2011 – 05/2016**

Designation: **Systems Engineer (L2)**

- Building, Installation, configuration and administration of Windows 2012/2008/2003 servers and Linux CentOS for applications hosting.
- Build and Configure SharePoint Server 2013 with SQL Server 3 tier architecture.
- Maintenance and Monitoring of Servers like HP EVA (HP ProLiant DL 380 Gp), HP Blade server bl 460c and Dell power edge 1950 servers.
- Managed Windows services – AD, DNS, DHCP, TFS, IIS, Group policy, Terminal Services
- Installed, configured and managed WSUS service in server 2012 for Windows patch management.
- Building and configure Open fire Instant Messaging Server integrate with MySQL Database in CentOS/Server2012 for internal and external communication.
- Managed Nagios Server for Monitoring
- Managed Postfix Mail Server
- Maintained McAfee Endpoint Protection Server
- Active Directory Services – Managing Users & Other Resource objects.

- Managed Exchange 2010 / O365 in Mailbox creation, distribution group creation, Mail Contact.
- Maintained Sophos Endpoint Protection Server (Updating the Virus Definition, creating the package, configuring Group Policy and also configuring the Client Exception scanning & Generating Reports).
- Having Knowledge in Fortigate 300C & 60D Firewalls, VPN User Creation, Web filter.
- Configured FTP Servers and Web servers (LAMP Server) in Cent OS.
- Monitored the server health and performance with performance monitor tool OpManager.
- Provided Technical support for US clients through MX Meeting, Team Viewer and Dame ware

**Wonder Soft Technologies, Chennai**

**03/2011 – 06/2011**

Designation: **Technical Support Engineer**

- Deployed OS through WDS
- Hardware and Software Asset , License compliance Management through Dell KACE
- Troubleshoot basic level system issues
- Provided Application Support for remote customer over Phone and team viewer.
- Configured VOIP phones (Zultys VOIP), Web conference through MX Meeting.
- Vendor Co-ordination in purchase, logging calls and ensuring getting spare parts replaced.

## **Certifications**

- **AWS Certified Solutions Architect - Associate** (2018) (Validation Number : PDDE5QD2BMFEQ2SV)
- **Red Hat Certified System Administrator** (2012) (Certification ID : 120-205-455)
- **Diploma in Hardware and Networking** (2007): NIT - Trichy

## **Educations**

**Master of Computer Applications**, Thiruvalluvar University, Vellore. (2007-2010)

**Language Known : English and Tamil**

**Date :**

**Place : Chennai**

**(Y. Venketraman)**

