### RUPESH VARMA

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| **Present Address**:  # 11-34, Teachers colony  Kormangala 1st block, Bangalore – 560034. | |
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| My Objective |

As a Cloud Engineer professional, gained excellent work exposure, would prefer to work in a challenging environment where my knowledge and experience are fully utilized and properly rewarded with an atmosphere of mutual trust.

**Profile overview**

Having 4.7 years of **AWS Cloud**, **DevOps,** **Virtualization, Linux** and **Windows** experience in IT Infrastructure and Hosting based 24X7 support environments. Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability and technical skills.

## Technical Skills:

* Having 4.7 years of Experience in Implementing Organization DevOps strategy in various environments of Linux and windows servers along with adopting cloud strategies based on Amazon Web Services like EC2, VPC, S3, IAM, ELB, ASG, Route 53, Cloud Formation, Cloud Front, Cloud Trail, OPS Works, SNS, SQS, RDS, EBS and EFS etc.
* Administration of Production, Development and Test environment’s carrying Windows, Ubuntu, Red Hat Linux, SUSE Linux and Centos. Experience supporting Ansible Environment with 200+ servers and involved in developing manifests.
* Designing and implementing fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agents, CHEF, SSH, Amazon EC2 and packaging, deployment and testing.
* Expert in Cloud Technologies like Amazon Web Services (AWS) VPC, EC2, Cloud formation, S3, IAM, RDS, Route 53, Cloud Watch, Dynamo DB and Elastic cache.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamo DB tables, EBS volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
* Utilize Amazon Glacier for archiving data.
* Hands on experience Ansible cluster with high availability solutions
* Having good exposure in Jenkins for CI (Continuous Integration).
* Using Jenkins Manage and Build code with Authorization.
* Deploy Jenkins to completely provision and manage AWS EC2 instances, Volumes, DNS, and S3.
* Migrated existing infrastructures over three AWS accounts into VPCs managed by Cloud formation
* Good Knowledge of using different protocols like FTP, SSH, HTTP, HTTPS and Connect direct.
* Maintaining and Monitoring the Application/Servers using Nagios.
* Configured and managing security groups and VPC.
* Configured and managing ELBs. Configured and managing S3 storage.
* Created AMI images of the critical EC2 instance as backup using AWS CLI and GUI.
* Created RDS database. Workspace Setup and troubleshooting.
* Hands on experience on VPC, Subnets, and Route tables etc.
* Configuring Cloud Watch for Monitoring Instance, RDS, ELB’s etc. Conducting Cost Optimization Audit for Clients AWS account.
* Managing Backups of Instances and EBS storage using scripts.
* Create and configure S3 bucket with restricted policies.
* Designing and Deploying Highly scalable infrastructure using ELB and Auto Scaling services.
* Migrating and Managing DNS entries in Route 53 and various DNS providers.
* Hands on experience on VPC, Subnets, and Route tables etc.
* Expertise on Creating virtual machines, install operating systems inside VM’s and install tools and configure these VM’s based on customer requirements.
* Expertise on VMware Vmotion, SVmotion migration and SRM.
* Maintaining VMware Virtual Machines using Virtual center and web access.
* Monitoring VMware ESX hosts and the virtual machines health status, performance and generating reports daily

**Operating Systems** : Linux (Red Hat 4/5/6), Ubuntu, Windows 2003/08/12

**Cloud Technologies** : AWS (VPC, EC2, S3, Cloud Watch, RDS, Cloud Front, IAM)

**Scripting languages** : Python and Terraform

**Configuration Management** : Ansible

**Continues Integration Tools** : Jenkins

**Web server Applications** : Apache Tomcat

**Monitoring tools** : NAGIOS

**Version Control Tools** : GIT, GitHub

**Build Tools** : Maven

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| Employment Data |

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| **Feb 2016 to till date** | **HP Enterprise Services, Bangalore having the roles of a Cloud Engineer.** |

**Key performance indicators:**

* Creating servers, AMIs, storage blocks in S3, taking snapshots, VPCs, subnets, load balancing and auto-scaling in AWS
* Expert in Cloud Technologies like Amazon Web Services (AWS) VPC, EC2, Cloud formation, S3, IAM, RDS, Route 53, Cloud Watch, Dynamo DB and Elastic cache.
* Designing and implementing fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agents, Ansible, SSH, Amazon EC2 and packaging, deployment and testing.
* Installation and configuration of Git, merging code from develop branch to master branch and make it ready for deployment.
* Pushing Code from Git to nexus make available for release through automation script using Jenkins.
* Knowledge on GIT and Jenkins Continuous Integration of Server–Installation, Configuration, Design and Administration, and integrating these tools with other systems.
* Installation and upgrade of Ops-code Ansible Server and documenting steps.
* Installation and upgrade of Ansible Client and Make sure servers are getting converge with Ansible server.
* Creating of Organization, Environment, and users in Ansible server.
* Worked on the cloud automation framework namely Ansible the included automation of certain software installation processes in the form of Ruby code.
* Exclusively worked on windows &Linux AMI for hardening.
* Handled cloud administration tools and management frameworks.
* Configured Cloud watch alerts.
* Created support case with AWS for any critical issues and follow-up.
* Configured Yum at Server / client side for packet management.
* Deployed and monitor scalable infrastructure on Amazon web services (AWS) & configuration management
* Launching and configuring of Amazon EC2(AWS) Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications using Jenkins
* Make sure that the Score points for our EC2 instances is more than 90%.
* Setup and launch Amazon Linux and RHEL and Windows EC2 instances, network interface with Elastic IP’s.
* Configured and managing security groups and VPC.
* Configured and managing ELBs. Created RDS database.
* Configured and managing S3 storage. Backup & Restoration.
* Created AMI images of the critical ec2 instance as backup using AWS CLI and GUI.
* Created support case with AWS for any critical issues and follow-up.
* Configured Yum at Server / client side for packet management.
* Monitored and worked on alerts for Web Server Application pool.

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| **June 2013 to Jan 2016** | **TCS , Bangalore having the roles as a System Engineer.** |

**Key performance indicators**:

* Disk Management, partitioning tools like fdisk, sfdisk etc. file system management ext3 file system & utilities (mke2fs, e2fsck, tune2fs) LVM physical volumes and logical volumes & volume groups extending file systems on LVM mount, unmount of file systems - /etc./fstab mount options disk quota.
* Installation and Configuration of RHEL4/5/6, Centos 5/6, Fedora.
* Implementing proper User Administration and file System Management in Linux.
* Scheduling the jobs and analyzing Cron jobs status.
* Worked with SAN team to create and manage storage using multipath, and LVM.
* Performance monitoring utilities like IOSTAT, VMSTAT, SAR and TOP
* Experience on package management via RPM, YUM.
* Experience in Networking File Sharing services – NFS, FTP and SAMBA.
* Installing and Configuration of Telnet, SSH and DHCP.
* Experience in Installation and Configuration of Apache web server.
* Experience in Monitoring & Health-Check of web and application server environments.
* Familiarity with Shell Scripting and automation.
* User administration, creating, modifying and deletion. Resetting UNIX account password.
* Installing applications on Linux flavors.
* Applying Quota limit on the file system, giving permission to user though ACL.
* Attending call's as per the priority like P1 and P2 tickets and troubleshooting the issues.
* Maintaining the Linux Firewall for network and implement to the network security.
* Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, SSL, Security Groups, RDS and IAM).
* Setup/Managing VPC, Subnets; make connection between different zones; blocking suspicious ip/subnet via ACL.
* Setup/Managing CDN on Amazon Cloud Front (Origin Path: Server / S3) to improve site performance.
* Create/Managing buckets on S3 (CLI) and store db and logs backup, upload images for CDN serve.
* Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch, SNS.
* Creating/Managing DNS records on Amazon Route 53 and go-daddy panel.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)

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| Personal Particulars | | | |
| **Date of Birth** | 13-06-1991 | **Gender** | Male |
|  |  | **Name of Father** | N Murali |
| **Marital Status** | Single |  |  |
| **Language Known** | English, Hindi, Telugu, Kannada, Tamil. | | |
| **Nationality** | Indian | | |

## Educational Qualifications:

* **BBA in Computer Management (2013) at Sri Venketeswara University (Tirupathi).**