**Govardhan Reddy M**

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#### Career Objective

Interested in long term opportunities providing responsibilities to architect, implement the DEVOPS activity's in AWS Cloud Computing environment and supporting aws cloud in enterprise level.

#### Professional Summary

* Over 3+ 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**.
* 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, DynamoDB tables, EBS volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
* Document system configurations, Instance, OS, and AMI build practices, backup procedures, troubleshooting guides, and keep infrastructure and architecture drawings current with changes.
* Utilize Amazon Glacier for archiving data.
* Strong Experience **automated build platforms**/**continuous integration** using **DevOps** architecture.
* Hands on experience **puppet** cluster with high availability solutions
* Using **Puppet** performed **configuration management** and **remote execution**
* Having good exposure in **Jenkins** for **CI (Continuous Integration).**
* Using **Jenkins** Manage and Build code with Authorization.
* Having knowledge on Configuration management using **Puppet**
* Experience setting up and maintaining auto-scaling **AWS stacks** (preferred using cloud formation and scripting using **python**).
* 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 .**
* Strong Experience in Production support engineer providing 24/7 technical support for middle-ware application servers.
* Have worked on **Active directory (AD)**& Required **Network/Security** concepts.

Exceptional ability to quickly master new concepts and technologies. Involved in doing multiple POCs in AWS Services.

* 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.
* Hands on experience on VPC, Subnets, and Route tables etc.
* Workspace Setup and troubleshooting.
* Configuring Cloud Watch for Monitoring Instance, RDS, ELB’s etc.
* Configuring Elastic Beanstalk for fast and east
* Effective Cost Calculation using AWS Calculator.
* 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 AutoScaling services.
* Migrating and Managing DNS entries in Route 53 and various DNS providers.
* Hands on experience on VPC, Subnets, and Route tables etc.

**ENVIRONMENT:-**Aws (Amazon web services):EC2, VPC, IAM, S3, CLOUD FRONT, CLOUD WATCH, CLOUD FORMATION, GLACIER, RDS CONFIG, ROUTE 53, SNS, SQS, PUPPET.

#### Technical Skills:

**Data Base :** Oracle, MySQL, SQL Server.

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

**Middleware File Systems** : Tomcat.

**Operating Systems** : Linux (Red Hat 4/5/6, SUSE), Ubuntu, Windows NT, /2000/2003/2007.

**Scripting languages** : Shell Scripting

**Configuration Management** : Puppet

**CI Tools** : Jenkins.

**CD Tools** : Custom Tools, RPM, YUM

**Version Control Systems** : GIT,Git Hub

**Automated Build Tools** : Jenkins

**Web Technologies** : Tomcat, APACHE 2.x, 3.x

**Web Server** : Tomcat

**Education :**

Bachelors of Technology in IT, JNTUH - 2013

#### Current Work Experience :

**Company : Efuture soft tech Solutions**, Chennai.

**Designation** **:** Dev-ops Operation

**Duration** : Jan2014 to Present.

**Deveops Engineer**

Responsibilities:

* Creating servers, AMIs, storage blocks in S3,taking snapshots, VPCs, subnets, load balancing and auto-scaling in AWS
* Designing and implementing fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agents,Puppet, 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 Puppet Server and documenting steps.
* Installation and upgrade of Puppet Client and Make sure servers are getting converge with Puppet-server.
* 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 salable 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.
* Configured and managing S3 storage.
* Created AMI images of the critical ec2 instance as backup using aws CLI and GUI.
* Created RDS database.
* 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.
* Backup & Restoration.