Rahul S Gupta

Experience Summary

A creative support professional with 3 years of experience and with a record of increased responsibility. Proficient in prioritizing and completing tasks in a timely manner, yet flexible to multitask when necessary. Customer focused with diverse industry experience including System administration, Implementation of various Cloud Computing environments. Enjoys learning new technologies, programs and processes. A team player who is attentive to detail and able to work in a fast paced environment.

* Experience in Amazon Web services Cloud environments
* Working knowledge in implementation and hosting of Cloud infrastructure
* Worked for multiple projects and heterogeneous environments it includes physical and cloud environments
* Experience in Linux and windows platforms
* Good knowledge in Shell scripting
* Experience in MySQL database administration
* Experience in Hadoop technologies

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| Education and Certifications | | | |
| **Title of the Degree with Branch** | | **College/University** | **Year of Passing** |
| Bachelor of Engineering in Electronics & Communication | | Shree Mothilal Kanhaiyalal Fomra Institute of Technology  /**Anna University** | 2009 |
| Technical Skills | | | |
| **Cloud Technologies** | AWS | | |
| **Hardware / Platforms** | Compaq, HP, Dell / X86, x64 | | |
| **Operating Systems** | Linux, Windows. | | |
| **Monitoring** | Cloud360, Zenoss | | |
| **Database technologies** | MySQL, Amazon RDS | | |
| **Frameworks** | Apache Hadoop | | |
| Certifications | | | |
| Cisco Certified Network Administrator (CCNA) | | | |
| CloudU certified(Rackspace Hosting) | | | |
| Contact Details | | | |
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| Project Experience | | | |

**Organization: Cognizant Technology Solutions**

**Project #1**

Client American Airlines

Operating System Red Hat Linux and Windows Server 2008

Cloud Amazon Web Services

Team Size 7

Role Team Member

Period May 2012 – Present

**Project Description**

Cognizant will provide managed services for American Airline’s Cloud environment using its proprietary Cloud360 platform.

**Role and Responsibilities**

* Cloud360 Integration and Testing of the Cloud environment
* Attend status review meetings and prepare send the status reports to stake holders
* Create EC2 instances from AWS console or Cloud360 management console
* Creating EBS volumes and assignment
* AMI creation with different OS platforms and build own AMIs export and registration
* Creation and Restoration of Snapshots
* Building Images from running instances, scratch and from third-party services
* Deploy customer applications and databases
* Onboard all instances to Cloud360 to be able to manage and monitor applications
* Backup and restoration using snapshots and custom scripts
* Prepare knowledgebase documents and keep them in share point folders
* Planning and implementing DR for the Cloud infrastructure
* Provide support for OS platforms Linux and Windows

**Project #2**

*Client* Sendori.com

*Operating System* Linux/CentOS

*Tools* AWS Console

*Team Size* 6

*Role* Team Member

*Period Dec* 2010 – May 2012

**Project Description**

Sendori is a custom analytics solution that gives you rich insights into your website traffic and marketing effectiveness. Shows how people found your site, how they explored it, and how you can enhance their visitor experience. With this information, you can improve your website return on investment, increase conversions, and make more money on the web.

##### Role and Responsibilities

* Deploy Hadoop, Hive, Hbase applications on production, Sandbox, QA cloud servers.
* Deploy scheduler to trigger M/R jobs at specific timings.
* Building the Cloud and setting up the cloud infrastructure as per the requirements
* Configure Install and configure RAID/LVM for data redundancy and performance.
* Install and configure DRBD, Heartbeat services and setup failover mechanism for production boxes.
* Install MySQL database servers, configure replication between master and slave.
* Take daily, hive backups of MySQL databases and Hadoop data to AWS S3 bucket.
* Co-ordination between onsite-offshore teams and ensures timelines and quality of deliverables
* Porting or deploying an application to a target cloud & co-ordinate for the infrastructure issues
* Implementing best practices for Building AMIs and OS security guidelines
* Implementation of Software Load Balancers exposure on Nginx/HAParoxy
* Working knowledge on AWS console, Security Groups, Keypairs, SSH Keypairs(Public & private), Authorized Keypairs and port management
* Creating EBS volumes and assignment
* Working knowledge on AMI creation with different OS platforms and build own AMIs export and registration
* Creation and Restoration of Snapshots
* Exposure on AWS/ElasticFox/Right Scale Consoles, creation & management of Instances
* Planning and implementing DR for the Cloud infrastructure
* Troubleshoot all the issues related to Linux Operating System and provide support for all production and QA environments.
* Monitor environment with Zenoss monitoring system

**Project #3**

*Client* Dictionary.comAnalytics

*Operating System* Linux/CentOS

*Tools* AWS Console

*Team Size* 2

*Role* Team Member

*Period AUG* 2011 – May 2012

**Project Description**

Dictionary Analytics is a custom analytics solution that gives you rich insights into your website traffic and marketing effectiveness. Shows how people found your site, how they explored it, and how you can enhance their visitor experience. With this information, you can improve your website return on investment, increase conversions, and make more money on the web.

##### Role and Responsibilities

* Migrate dictionary analytics production and QA servers from physical data center to AWS cloud.
* Deploy Hadoop, Hive, Hbase applications on both production cloud servers.
* Install MySQL database servers, configure replication between master and slave.
* Take daily, hive backups of MySQL databases and Hadoop data to AWS S3 bucket.
* Install and configure DRBD, Heartbeat services and setup failover mechanism for production boxes. Deploy scheduler to trigger M/R jobs at specific timings.
* Configure Install and configure RAID/LVM for data redundancy and performance.
* Troubleshoot all the issues related to Linux Operating System and provide support for all production and QA environments.
* Monitor environment with Zenoss monitoring system

**Project #4**

*Client* Harbor Freight (COE Testing)

*Operating System* Linux/RHEL

*Tools* AWS Console

*Team Size* 2

*Role* Team Member

*Period FEB* 2012 – MAY 2012

**Project Description**

COE Testing was to test the Performance of the Application. We hosted their Linux/RHEL server in AWS cloud and implemented the required environment for testing the Performance.

**Role and Responsibilities**

* Create EC2 instances from AWS console.
* Creating EBS volumes and assignment.
* Building Images from running instances, scratch and from third-party services
* Deploy customer applications and databases.
* Troubleshoot all the issues related to Linux Operating System and provide support for the entire Instances.
* Preparing the cost of Amazon web service used on Daily bases.