Raghavender Rao 

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Professional Summary:

* Experienced Senior Systems Engineer with 5+ years industry experience.
* Provided Iaas and Paas using AWS.
* Worked on AWS Cloud services like EC2, S3, EBS, RDS, VPC
* Experienced in **Cloud automation** using **AWS** Cloud Formation templates.
* Experience with CI **(Continuous Integration)** and **CD (Continuous Deployment)** methodologies using **Jenkins.**
* Experience in using Version Control Tools **Git**.
* Expertise in using Application Deployments & Environment configuration using **Chef.**
* Strong hands on experience with scripting languages like Python.
* Strong experience in working in **Linux** environments.
* Proficient in working with Backup tools like CPM (Cloud Protection Manager for EC2 ), Symantec NetBackup and Backup Excec.
* Proficient in working with storage solutions like Netapp.

**Technical Skills:**

|  |  |
| --- | --- |
| **Automation tools** | Chef |
| **Cloud (Iaas)** | AWS |
| **Backup tools** | CPM (Cloud Protection Manger), NetBackup & Backup Excec. |
| **Operating System** | Linux, Solaris & UNIX. |
| **Storage** | Netapp |
| **Server** | Apache, Nginix |
| **Issue Tracking** | ITSM |
| **Database** | My SQL |
| **Version Control** | GIT |
| **CI Tools** | Jenkins, |
| **Build Tools** | Maven, Jenkins, |

Certifications

AWS Certified Solutions Architect – Associate Level --2015

ITIL V3

Training

Architecting on AWS

AWS Essentials

DevOps

Red Hat Enterprise Linux (6) Administration

Solaris System Administration

Professional Experience:

POSITION Sr. Operations Professional

Organization IBM India Pvt. Ltd., Hyderabad.

Duration Mar 2015 to till date.

POSITION Systems Engineer

Organization TNS India Pvt. Ltd., Hyderabad (Formally known as Kantar).

Duration June 2010 to Feb 2015.

**Client details:**

Kantar, based in UK, was founded in 1993 as the Market Research, Insight and Consultancy Division of WPP plc, a London-based public company. It is a network of 13 specialist companies, with around 28,500 employees working in 100 countries. The group's services are used by over half of the Fortune Top 500 companies. It was the second largest global market research company in 2009, with annual revenue of about $4 billion.

Some of our customers include various group companies (across the UK, US and Asia Pacific):   
• All Global   
• Added Value   
• Kantar Group, Kantar Media   
• Kantar Healthcare, Kantar Operations   
• Kantar WorldPanel, EuroPanel   
• TNS, Research International   
• Millward Brown, LightSpeed Research

**Responsibilities:**

* Maintaining a farm of **EC2** instances, **ELB’s** and **RDS.**
* Deploying EC2 instances, ELBs by using Cloud Formation in AWS Cloud infrastructure.
* Preparing custom AMIs for implementing Auto Scaling.
* Managing S3 buckets and bucket policies
* Automated Tagging of AWS resources for OpCo wise billing.
* Managing Linux and Windows instances with Chef configuration management tool and patching servers.
* Taking regular snapshots for EBS volumes using CPM (Cloud Protection manager)
* Automating Cloud Infra (AWS) using Python.
* Configuring backups for RDS instances.
* Managing IAM accounts (with MFA) and IAM policies to meet security audit & compliance requirements.
* Migrating Applications from Datacentre to AWS Cloud.
* Worked on Cloud automation using **AWS Cloud Formation templates**.
* Implemented **Chef Recipes for** Deployment on build on internal Data Centre Servers. Also re-used and modified same **Chef Recipes** to create a Deployment directly into **Amazon EC2** instances.
* Implemented **Chef** Cookbooks for OS component configuration to keep AWS server’s template minimal.
* Written **Chef Cookbooks** for various DB configurations to modularize and optimize end product configuration.
* Implemented and building tools such as **Ant/Maven** in order to automate and enhance the overall operational environment.
* Worked on Managing the Cloud Environment using **Chef**.
* Managed and optimize the Continuous Delivery tools like **Jenkins.**
* Install, Configure, Administer **Hudson/Jenkins** Continuous Integration Tool
* Implemented **AWS** solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer**, Auto scaling groups,
* Optimized volumes and EC2 instances
* Automated the cloud deployments using **chef,** python (boto & fabric) and **AWS Cloud Formation Templates**.
* Performed and deployed Builds for various Environments like QA, Integration, UAT and Productions Environments
* Automated deployment of builds to different environments using Jenkins.

**DECLARATION**

**I hereby declare that the above information is true to the best of my knowledge**

**Place:**

**Date: (Raghavender)**