**AWS Sys/Devops Engineer**, with 5+ years of work experience in Information Technology. I come with coreexpertise on server side development which includes web/portal, application, middleware and integration layer.

**Below is the quick summary of my career:-**

* Strong on cloud based solutioning
* Exposure of SAAS,PAAS and IAAS
* Experience in PASS,IAAS
* Worked as both technical and solution architect for enterprise level products & projects
* Experience in Hadoop, NOSQL, AWS (SNS,SES,SQS),AWS Infrastructure
* Have very good record in managing vendors
* Have built teams from scratch and made them productive

**Technical Skills**

**Cloud Infrastructure:**

**Amazon Cloud**: EC2, EC2 container Service , S3, Glacier, Cloud Front, RDS, DynomoDB, VPC, VPN, Route53,Beanstalk, Opswork, Cloud Formation, Cloud Trail, IAM, Cloud Watch, AWS CLI and AWS SDK for Python and Ruby, SnowBall, Direct Connect, AWS Imoort/Export, Glacier, EFS, AutoScalling, CcloudFormation Scripts, AWS Managed Instances, AWS Route 53..

Google Cloud, Windows Azure, Softlayer, OpenStack, CloudStack.

**Configuration Management Tools:**

Puppet, Chef, Ansible, Terraform, Packer.

**Networking:**

OpenVSwitch, Calico, OpenVPN, AWS VPN, AWS VPC.

**Virtualization:** VMWare vSphere 5.5, Xen Server, Docker and LxC

**High Availability**: HAProxy, Nginx, lsyncd, keepalived, rsync, GFS, GlusterFS,

**Distributed Systems**: Apache Zookeeper with Python-Kazoo Client.

**Monitoring:** Icinga, Zabbix, PRTG, Sensu.

**PaaS:** Openshift, Docker Pass, Deis.

**BigData:** Hadoop, HBase, Hive, YARN, Cassandra, MongaDB, Dynamo DB, Pig. Spark

**Mail Server:** Send Mail, Postfix, At Mail and Zimbra

**In-Memory DB:** CouchBase and HazelCast

**Databases:** PostgreSQL, MySQL, Sql Server.

**Storage:** FreeNAS and Open Filer, Amazon S3, Amazon EFS and Glacier.

**Version Control:** GitHub and Apache Maven, ant, Bamboo, Jenkins, Circle CI, ECS.

**Applications:** OpenERP, Pentaho, Magento, Pimcore, Akeneo, Jira, Confulence, Alfresco,Liferay, and Redmine, Tomcat, Glassfish Server, Apache.

**Management Skills**

* + **Client Management** 
    - * Managed scope of work in case of ambiguity in requirements and any change requests.
  + Managed all client communication
  + Worked with client to get feedback on quality of work and client scorecard
  + Worked with client to resolve any issue or escalations
  + Worked with client to come-up with realistic and practical acceptance criterion

**Employment Summary (In Reverse CTS):-** 5 Years (63 months)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| **S.No** | **Duration/Period** | **Designation** | **Company** | **Duration(months)** |
| 4 | December 2015 – Till Date | Operations Manager | CTS | 10 |
|  | 2013 July – 2015 November | Team Lead | BIZRUNTIME IT | 30 |
| 3 |  |  | Services Pvt Ltd |  |
|  | 2012 Feb 20th – June 18th 2013 | Technical Analyst | Oracle | 14 |
| 2 |  |  |  |  |
|  | 2011 June- 2012 Feb | IT Service Desk | Accenture | 8 |
| 1 |  | Analyst |  |  |

**Cognizant Global Services:- Associate Operations Manager**

**Roles and Responsibilities:-**

* Automate the Infrastructure and application configuration by writing cookbooks/modules.
* Responsible for creating Builds and Deployments jobs via Jenkins and Puppet**.**
* Installation and upgrade of Puppet Modules and make sure servers are getting converge with new Templates load balancers.
* Creating environment, and users in Puppet and Pushing- Puppet Modules to applications servers.
* Installation and Configuration of Vagrant in Windows or Linux.
* Spinning up servers using vagrant and install puppet and do testing through automation script.
* Creating servers, AMIs, storage blocks, snapshots, VPCs, subnets, load balancers, and firewalls in AWS
* Installation and configuration of Git, merging code from develop branch to master branch and make it ready for deployment
* Monitoring, Logging & Alerting using Nagios/Sensu and responsible for 100% uptime for all applications on environments.
* Troubleshooting application related issues by log verification and verify Deployments logs to check for successful deployments
* Follow Change process and Problem records to ensure to reduce the repeated risks.
* Mentoring team and helped to team members for critical incident like P1 ticket.
* Responsible for tagging and maintain code on version control bit bucket
* Responsible for creating Builds and Deployments Planes by using Chef and Jenkins.
* Cloud Infrastructure Design (Multi-tier architecture) & automation provisioning for Application migration to Cloud environment.
* End to End configuration of DevOps environment using Jira, Jenkins, Vagrant, Chef, Git / Bitbucket.
* Development of Chef Cookbooks (including recipes, roles, environments etc.) for various configurations (example, devops automation, php memcacheadmin etc.)
* Infrastructure automation using Chef, AWS OpsWorks & Cloud Formation.
* Providing consultation on Application/site migration to Cloud.
* Architect and deploy security-conscious infrastructure within an AWS VPC environment.
* Providing POC for clients and providing solutions for customer as per requirement.
* Mentoring team and helped to team members for critical incident like P1 ticket.
* S3 Bucket management and apply security policy for saving backup and static contents.

**BizRuntime IT Services Pvt LTD :-**

**Clients: - WEH Gmbgh.**

* End to End AWS Solution and Design.
* Migrating Servers from Local Data Centre to AWS.
* Active Directory installation and Configuration
* Application Server Configuration and Deployments.
* Day to Day task on Jira.
* Managed more than 600 + Servers on AWS.
* Automate the build Process Using Jenkins jobs.

**Clients: - SYML & ROI & WEH**

Platform as a Service using Docker, Mesos , Marathon, Calico,OpenVSwitch, Mesos DNS, Cosnul.

Built the platform as a service for the client and running in production on client datacenter.

**Project Wise Specification**

**Project 01:Digital Ocean (Nov 2013 - Jan 2014)**

BIZRUNTIME IT Services Pvt Ltd

Client : FHT Limited

My role-

* Installation and configuration of Flynn PASS on Digital Ocean instance
* Installation and configuration of Docker PASS on Digital Ocean instance
* Installation and configuration of Moqui and Mantel on Digital Ocean
* Technologies Languages and Tools : Flynn,Doker,Moqui,Mantal,Digital Ocean

**Project 02: Citrix Virtual Desktop Setup and Configuration (December 2014 – Jan-2015)**

BIZRUNTIME IT Services Pvt Ltd.

Client: Syml

My role –

* On the bare metal ESXI Server created the windows servers.
* Installed and Configured the Citrix Virtual Desktop/App.
* Configured users with domain controllers and access level permissions.
* Registered the citrix store and users are able to access the Virtual Desktop
* Configured NAS for the storage for ESXI Server.

**Project 03: AWS Elastic Beanstalk php Application Deployement (December 2014 – Jan-2015)**

BIZRUNTIME IT Services Pvt Ltd.

Client: WEH

My role –

* Deployed the php Application on the AWS Beanstalk
* Configured the Application using Elastic Beanstalk Command Line Interface (EB CLI).
* The Application was configured with the Load Balancer.
* Configured the Cloud Watch and Cloud Alarm for the app if the app goes down and
* Monitor the network traffic.

**Project 04: AWS WorkSpaces (December 2014 – Jan-2015)**

BIZRUNTIME IT Services Pvt Ltd.

Client: WEH

My role –

* Had to provide a fast and scalable Virtualization Concept as Citrix XenDesktop/XenApp
* AWS had the option for Virtualization concept in the name of Workspaces
* Amazon provided the option of adding the existing domain controller or creating a new
* domain.
* Configured the WorkSpace for the client with the existing domain and created a
* Windows Virtual Desktop
* Price was the issue and we had to buy the workspace for each and every user.
* So replaced WorkSpace with Citrix XenDesktop/XenApp.

**Project 05: AWS OpsWork from Learning Prospective (December 2014 – Jan-2015)**

BIZRUNTIME IT Services Pvt Ltd.

Client: WEH

My role –

* From the learning prospective had to look at the other options of building a complete stack environment for an application
* Went on creating a stack first and then added the instance. We can add the existing the instance on the same.
* Background the stack and the bundle environment is using chef
* By the time the stack and the instance gets added we can create the load balancers.
* We can HA proxy as the load balancer.
* Once the load balancer is configured we can add the Apps and we can use the Git for the repository type
* Once the repository is added and then deploy the apps and once it has been configured we can access the application from the Elastic IP

**Project 06: AWS EC2 Database Backup to S3 with 2 hours retention (December 2014 –**

**Jan-2015)**

BIZRUNTIME IT Services Pvt Ltd.

Client: WEH

My role –

* Had to provide a architecture for ensuring the data is protected and safe guarded for
* production applications.
* AWS provided the AWS S3 Cli tools for storing and accessing the S3 Bucket
* Created a storage bucket and mounted the S3 bucket as a disk.
* With the help of AWS SDK cli tools automated the DbDump backup every two hours
* Configured the DbDump in a retention basis where for a day we will have 6 Backups
* As per client requirement and used the First in First out concept to delete the DbDump

**Project 07: AWS Relational Database Service (December 2014 – Jan-2015)**

BIZRUNTIME IT Services Pvt Ltd.

Client: WEH

My role –

* As per the requirement for using the large database and with high scalability and
* availability with failover and access by other regions.
* Client needed to use the RDS Postgresql Database for Pentaho Bi Server
* Installed and configured the BI server to be connected to the RDS instances and
* configured the instance with Elastic Load Balancer.
* Configured the RDS instance backup for every two hours and taking a regular snapshot.
* Configured the RDS with A-Z availability so that it can be accessed from across the region.

**Project 08: Monitoring tools (May 2014 - Till date)**

BIZRUNTIME IT Services Pvt Ltd

Client : Weh

My role –

* Installation & configuration of Zabbix monitoring tool and configure Amazon cloud.
* Installation & configuration of manager engine monitoring tool and configure Amazon

Cloud.

* Installation & configuration of PA Server monitor monitoring tool and configure Amazon

Cloud.

* Installation & configuration of Monitis monitoring tool and configure Amazon cloud.
* Installation & configuration of Newrelic monitoring tool and configure Amazon cloud.
* Installation & configuration of Hyperic monitoring tool and configure Amazon cloud.

**Project 09:Glassfish Liferay(Mar 2014 - Till date)**

BIZRUNTIME IT Services Pvt Ltd

Client : Virtua

My role-

* Installation of staging server on AWS instance
* RDS setup and configuration of Mysql database
* Installation of Glassfish server
* Installation of Liferay
* Integration of Liferay with Glassfish
* Scripting for Mysql data backup to S3 bucket
* Automated mysql backup to RDS
* Ongoing support for Virtua
* Technologies Languages and Tools : Mysql ,Glassfish,Liferay,AWS

**Oracle** : **Technical Analyst (Client P&G & Nike)**

Daily activities: Monitor the servers and there free space, adding users and increasing disk space. Working on HPSM tickets. Replying to the SR's and updating the Tickets with the activities providing daily report and analysis on call. Applying Patch for prod&non- prod servers (2012 Feb 20th - June 18th 2013)

**Accenture** : **IT Service Desk Analyst**, L1 support team, good hands on experience on

ITSM and HPSM. (2011 June to 2012 Feb)