**NAME**

**B.E. (Computer Science & Engg)**

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**PROFESSIONAL ABRIDGEMENT**

* **9+** Years of experience in designing and implementation of DevOps solutions
* Currently working for [Company Name] as **Sr. DevOps Engineer**
* Expert in DevOps, production engineering, operations and automation
* Expert in designing highly scalable solutions on cloud platforms
* Expert in Infrastructure as Service
* Having hands on experience in CD/CI
* Having excellent experience in managing systems running on Linux platforms
* Having excellent experience Public & Private Cloud
* Having hands on experience in Storage & Backup Management on Cloud and offline

**SKILL SET**

Operating System : Red Hat Linux 4,5,6, Debian, FreeBSD, Ubuntu

Configuration Manager : Chef, Puppet, Cfengine

Public Cloud : AWS, CloudFormation, OpsWorks, RDS, R53, VPC, Elasticache etc

Private Cloud : Openstack, Nova, Cinder, Glance, legacy network, Neutron,

keystone

Programing Language : Perl, Python, Ruby, Bash Shell Scripting, Awk

In-memory Cache : Memcahed, Redis

NoSQL : Cassandra

Networking : TCP-IP, Network Security, VPN, DNS, Routing, Switching

Load balancer : AWS ELB, HA proxy, Veritas Cluster server, Inifiband

RDBMS : MySQL, Postgres

Monitoring : Nagios, PagerDuty integration, Graphite, Thousandeyes , Newrelic

Web Server : Apache, Nginx

CD/CI : Jenkins, Cloudbolt

Virtualization : Vmware ESX 3.5, VMware Vsphere 4.0, XEN, Vbox, KVM

Server Infrastructure : DHCP, DNS, Linux/Unix Security, LVM, VxVM, RAID

Storage : SAN, NetApp Filer, NFS, CIFS

Analytics & Search : Solr, Spark, ELK Stack

Rendering & Pipeline : Qube, Muster, Data Frameworks and Sony in-house pipeline

Storage and backup : NetApp FAS270, FAS3040, FAS3240, Isilon i9200, HP MSA, IBM

TS3200

Network Equipment : Brocade Stackable FCX648S-HPOE, Foundry X446, Foundry Chassis

FLS648, Cyclades-TS2000

Server H/W Onboard : HP Blade System c7000 Enclosure iOL, Dell Power Edge 1955 DRAC

Logging : Syslog, Logstash, Fluentd

**PROFESSIONAL CERTIFICATIONS/TRAININGS**

* **Trainings**

o **Red Hat Enterprise Linux**

o **DSE Cassandra**

o **Chef**

o **Isilon Storage**

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* 1. **NetApp Storage NAS & SAN**
* **Cisco Certified Network Associate** (CCNA) by Cisco (Certificate number:

CSCO11238575)

* **Red Hat Certified Engineer** (RHCE) on Red Hat Enterprise Linux 5 with certificatenumber: 805009598137220, can be verified at www.redhat.com
* **NetApp ONTAP**
* **Isilon OneFS**

**ORGANIZATIONAL EXPERIENCE**

**March 2014 – till date**

**[Company Name] – India**

**Member Of Technical Staff - DevOps**

* Configuring & Managing High Available Cloud based Wi-Fi/Network management with fully automated LINUX infrastructure
* Providing Infrastructure as a Service
* Configuring/Managing Production & Dev/QA Chef Server
* Jenkins Continuous Deployment
* Creating/Managing Projects in Jenkins to spin Virtual Servers in AWS, Public & Private Cloud
* Monitoring Production Servers by Nagios, Graphite, NewRelic & thousandeyes
* Configuring/Managing Virtual Instance in Amazon, Google, Rackspace and Softlayer
* Deployed Cassandra & Kairoas db in AWS VPC & Interconnecting VPCs by IPSec
* Configuring/Managing OpenStack Private Cloud Linux Servers and its SuperMicro Hardwares
* Storage Vol Management & Provisioning additional NFS Volume to Production Servers on demand
* Managing Aruba GitHub Organization(Version Control)
* Integrating Linux Web Server to SSO(Single Sign On)
* Configuring and Managing Elasticsearch ELK Stack
* Managing DNS by dyn
* Mysql, Postgres & No-Sql Cassandra
* Managing & Monitoring Virtual Instance Cost by Cloudability & Cloudyn
* Configuring & Managing Sendgrid SMTP, Google Map & Mapbox
* Managing Application softwares in High availability Cluster
* Automate the Linux/Cloud Infrastructure by Chef, Python & Bash Script.
* Single Click Code Deploy to Production Env
* Travelling to USA and other location and collaborating with Dev/QA/Devops Team

**July 2010 – March 2014**

**[Company Name] - India**

**Senior Systems Engineer – Infrastructure Automation**

* Automating Code Rollout in QA and Prod Env
* Providing Infrastructure as a Service
* Providing Service to get Instance/Server by Single click
* Managing Linux Provision Server (Cobbler)
* Managing Puppet Servers
* Provisioning Virtual Servers to Production
* Configuring & Managing Jenkins Server

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* Managing NetApp Storage, EMC Isilon Storage, HP MSA & DAS (Areca RAID)
* Managing Brocade SAN Switches
* Provisioning NFS/CIFS vols & Luns to Production Servers
* Storage Vol Migration & Vol Management
* Managing Linux DNS Servers and replications
* Managing DHCP Servers in QA & Prod Env
* Managing Linux Critical Producation Servers in High Availability
* Veritas Cluster & Redhat Cluster Suite Administration
* Managing kvmmaster, xenmaster Servers
* Provisioning and Managing Renderfarms
* Built and Monitoring Webservers
* Managing Linux Package Repository Server
* On Board Administration HP iLO, DRAC/MC, 1U & 2U Server’s iLO
* Managing Nagios Server, Cacti Server
* Managing & Monitoring Veritas Netbackup Servers
* Automating Code deployment to DEV/QA ENV & Production Environment
* Built VMware ESXi Servers and Provisioned Virtual Instance to Production
* Migrated VMs from VMware server to ESXi
* Worked with NetApp PSE and Swapped the NetApp Controller FAS3040 to

FAS3240 in HA Environment

* Added New Nodes to EMC Isilon Cluster to increase the Storage Capacity
* Deployed Network IDS (Snort) and logged to MySQL, built the webanalyser

in Linux

* Configured the new Brocade Stackable Core Switches and swapped with Foundry Core Switches in Prod Env
* Swapped the Old EMC Isilon Cluster Nodes in N+2 env.
* Added NetApp Data Shelf to NetApp FAS3240 and Provisioned Extra 22TB aggr to Production
* Upgraded Veritas Netbackup Master/Media Server to 7.5 from 6.5
* Guiding & Leading team members technically

**June 2006 – June 2010**

**[Company Name] - India**

**Systems Engineer – Infrastructure**

* Automating Infrastructure as much as possible to eliminate manual work
* Managing Provision Servers (Cobbler) & Cfengine
* Tool development
* Built Xen Virtual Servers and Provisioned Virtual Instance
* Built Jenkins Server and Jobs to provide single click solutions
* Built VMware Server(Tier2) and Provisioned Virtual instance to Production
* Managing Netapp Storage FAS 3040, Isilon Storage, DAS
* Built 6 Node Isilon Storage and Provisioned 10TB Storage
* VLAN Configuration on Server Enclosure Switches
* Managing Unix/Linux Critical Servers
* HA Cluster Administration
* Managing Veritas Netbackup Master/Media Servers
* Worked with NetApp PSE & Built Two Node NetApp FAS3040 Cluster and Provisioned 30TB Storage
* Created VLAN for Critical Servers, Production Servers, Storage, Renderfarms, Workstations
* Worked with US Team and Deployed Core-to-Access Network Infrastructure in New Datacenter

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* Worked with US Team and Deployed Cisco ASA in Co-located Area within Metro Limit & Interconnected to the New Datacenter via Metro Link(ISP) and Deployed VPN connectivity to Main Office.
* Deployed Remote VPN auth against ADS
* Migrated Windows DNS Server to Linux Bind
* Worked with US Team and deployed Production Pipeline using Data-Frameworks in Linux Environment
* Built Aspera file transfer in Linux server and deployed it in co-location
* Migrated all production Data to NetApp FAS270 Storage from HP NAS Storage

**INDUSTRY PROJECTS**

**ORGANIZATION: [Company Name]**

**Project:** Private Cloud **Role:** Individual contribution

**Technology:** Openstack Grizzle, Ubuntu, Chef, knife openstack

**Job Description:** Responsibility to create private cloud platform and integrate toJenkins and automate instance creation and code deployment by single click.

**ORGANIZATION: [Company Name]**

**Project:** Xen to KVM Migration **Role:** Team Member

**Technology:** Centos, Xen, KVM, Perl, Bash

**Job Description:** Responsible to write tool to migration all paravirtual machines toKVM, First we migrated all slave virtual servers to KVM and switched services to slave server and finally migrated all master servers to KVM

**Project:** Backup & Restore Automation **Role:** Individual contribution

**Technology:** Veritas Netbackup, RHEL 4, Perl

**Job Description:** Responsibility to develop tool to automate backup and restorefrom client workstation & populate/generate backup inventory out daily, weekly & Monthly.

**Project:** Cfengine to Puppet Migration **Role:** Team member

**Technology:** Cfengine, Puppet, Linux, Perl

**Job Description:** Created puppet Servers and environment and migrated allPromises to manifests & tested all manifested in Sandbox environment and integrated all servers to puppet.

**Project:** Build Server

**Role:** Team Member

**Technology:** Hudson/Jenkins, Bash, Perl, PHP, Python

**Job Description:** We developed Build server to setup continuous integration for PHPapplication, testing tools.

**Project:** Storage Migration

**Role:** Lead

**Technology:** NetApp, Isilon, Infiniband, Brocade, Perl

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**Job Description:** Worked with NetApp PSE on our premises and Migrated all volfrom old NetApp Filer to New Filers and created tool to migrate all volumes from Isilon Storage to NetApp Storage

**Project:** DFX-Pipeline **Role:** Team member

**Technology:** Perl, Python, Dataframeworks, NetApp, Isilon, MySql

**Job Description:** Responsibility to create tool and integration all modules, automateStorage volume scaling and making functional shottree.

**Project:** Qube Renderfarm & Playblast **Role:** Team member

**Technology:** CentOS 4, Qube, MySQL, Puppet, NetApp Vol, KVM VMs

**Job Description:** We developed Renderfarm Systems and deployed Qube master onKVM and automated Render server bootstrap by Cobbler and Puppet

**Project:** VMware server to ESX/Bare metal Migration **Role:** Team member

**Technology:** VMware server, ESXi, Perl

**Job Description:** Responsibility to co-ordinate with vmware support and migrate allvirtual servers to ESXi

**Project:** Linux Infra Automation from Scratch **Role:** Team member

**Technology:** Cfengine, Cobbler, Perl, Bash, CentOS 4, SVN, NetApp SnapMirror **Job Description:** We developed and built automated Linux infrastructure fromscratch and tested in Sandbox environment and Migrated all Servers.

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| --- | --- | --- | --- | --- | --- |
| **EDUCATION SUMMARY** | |  |  |  |  |
| **Course Name** |  | **Institution/University** | **%** | **Year of passing** |  |
| B.E., [C.S.E] |  | A.M.S. College of Engg., | 65%,1st Class | 2001-05 |  |
|  | (Affiliated to ANNA University) | | 67%,1st Class |  |  |
| HSC |  | MT School | 2000-01 |  |
| SSLC |  | MT School | 82%,1st Class | 1998-99 |  |
| **PERSONAL PROFILE** | **:** |  |  |  |  |
| Name | \*\*\*\*\*\*\* |  |  |  |
| Passport No. | **:** | \*\*\*\*\*\*\* |  |  |  |
| Date of Birth | **:** | dd-mm-yyyy |  |  |  |
| Nationality | **:** | \*\*\*\*\* |  |  |  |
| Mobile | **: +91-\*\*\*\*\*\*\*\*\*\*** | |  |  |  |
| Email ID | **:** | \*\*\*\*\*\*\*\*@gmail.com |  |  |  |

**DECLARATION**

I hereby declare that all the statements made above are true, complete and correct to the best of my knowledge and belief.

**Date :** **Yours truly,**

**Place:** India.

(Name)

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