

**KOUSHLENDRA**

Devops Engineer

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**OBJECTIVE**

DevOps Engineer and Linux, working on a challenging and rewarding position

where I can continue learning and using all my knowledge. In companies that can utilize a

performance driven individual; providing cost effective solutions and implementing quality driven environment.

**CAREER SUMMARY**

Over 9+ years of progressive experience in the field of Information

Technology which includes skills in the following areas: Linux

Administration, Amazon Cloud and Private Cloud (Openstack)Administration and Management, Icinga2 installation and own plugin creation and working on multiple open-source tools for Automation task, Troubleshooting, Build &amp, Release. Currently working in Exponential Advertising Intelligence Pvt. Ltd as DevOps Engg.

**SKILLS**

**Cloud Technologies**

**AWS**: - EC2, S3, VPC, EBS, AMI, ELB, IAM, Auto scaling, CloudWatch.

1. Created EC2 instances for our application and added ELB for managing load and configured auto scaling.
2. Created buckets and uploaded some files in different zone.
3. Created VPC for manage us infra like (subnetting, private & public IP).
4. Attached elastic block storage (EBS) in multiple instances as per user requirement and take the snapshot for backup purpose.
5. Design and implement AWS backup.
6. Setup infrastructure on Google Cloud using command line.
7. Build AWS EKS with Kubernetes.
8. AWS ECS cluster with private subnet and application load balancer setup.
9. Code commit, Code build, Code deploy.
10. AWS organization and AWS Cross account access using IAM role.

**OpenStack**: - Instance, Volumes, Images, Access and Security, template creation.

1. Created compute node and added in openstack controller for manage resource in our infra.
2. Created images and update templates through Jenkins in openstack.
3. Created new images using json and packer.
4. Built new Jenkins’s server and configured with Git and openstack.

**Microsoft Azure cloud**: - create resource, storage (blob, file, table and queue), container, virtual networking and network security groups, SQL database, Scale set, Load balancer.

1. Design & implement migration strategies for traditional systems on Azure (Lift and shift/Azure Migrate.
2. Designed **Network Security Groups** (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
3. Manage and Create Storage Account and Affinity Group in **Azure Portal**.

**Storage-**

NetApp – Version 9.1p

Volume creation, Snapshot policy, Export policy, Volume resizes, Clone creation.

**Configuration Management and DevOps Tools**

Ansible, Ansible Tower, Ansible loop, Salt stack, Git, Gitlab CI, Docker, Jenkins, Kubernetes cluster, Rundeck, Terraform, PagerDuty.

**Log Monitoring**: -

Elasticsearch, Logstash, Kibana (ELK), Grafana, Ganglia.

**Programming, Scripting and other Languages**

Bash,

**Networking and SysAdmin Tools**

Nagios and Icinga

1. Installation, Configuration & Administration
2. Zabbix installation and Configuration

**Ticketing Tools**: -

SNOW (Service Now): -

1. We are managing TASK, Incident and Change Request

BMC Remedy: -

1. We are managing TASK, Incident and Change Request

Jira: -

1) We are managing TASK, Incident and Change Request

**Middleware**

Apache

**OS**

Linux, Ubuntu, Centos, RedHat

**CERTIFICATION**

RCHSS

RHCE

Sun Solaris 10 A, B

AWS Certified Solutions Architect – Professional

AWS Certified DevOps Engineer - Professional

**Current Organization**

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* **Organization** :Exponential Advertising Intelligence Pvt.

**Duration of Service** :December 2017 to Till Date

**Designation** : Devops Engineer

**Project / Client** : USA, Australia

**Role and Responsibility:**

* Openstack Administration.
* Automation of compute node deployment.
* Expertise in nova, glance, keystone, cinder.
* Manage all the instances or VMs through Ansible.
* Leading production escalation calls, defect and bug fixing.
* Automation of jobs using Rundeck.
* Kernel Upgradation on Linux Servers
* OS Hardening
* Building new servers on physical and virtual machines.
* Managing upgrade of Linux servers.
* Managing and monitoring the servers through Nagios.
* Vendor management & co-ordination (Red Hat, HP) for troubleshooting issues
* Actively monitoring the systems/servers for any memory, CPU, disk space through Grafana and taking corrective action.
* Assist the application team, storage and network team with various deployments and configuration as needed.
* Build the Apache and Nginx Web Server.
* Terraform to provision the AWS infrastructure like EC2 instances, S3 bucket, VPC etc.
* Written Templates for **AWS** infrastructure as a code using **Terraform** to build staging and production environments.

**Previous Work Experience**

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* **Organization** :HCL Technology Pvt. Ltd.

**Duration of Service** :October 2011 to December 2017

**Designation** : DevOps Engineer.

**Role and Responsibility:**

* Working on Incidents, Changes, Configurations, and Problems and Tracking them Using BMC Remedy
* Developing Applications & Scripts for Linux Platforms, Apache Web Server, & Providing Application Support
* Performing QA / Testing Activities post Changes / Updates / New Releases
* Providing Production Support from Point-to Point and Collaborating with Other Teams
* Working on Remedy Tickets, and Following of Escalation Process
* Configure the system to update/install packages from remote repositories using yum.
* Add, remove and resize logical volumes
* Vendor management & co-ordination (Red Hat, HP) for troubleshooting issues
* Actively monitoring the systems/servers for any memory, CPU, disk space etc and taking corrective actions.
* Assist the application team, storage and network team with various deployments and configuration as needed

**Cloud Technologies**

AWS: - EC2, VPC, EBS, AMI, ELB.

**Configuration Management and DevOps Tools**

Ansible, Git. Docker.

**Programming, Scripting and other Languages**

Bash, Python

**Networking and Sysadmin Tools**

Nagios and Icinga: -

1. Installation, Configuration & Administration

Ticketing Tools: -

SNOW: -

1. We are managing TASK, Incident and Change Request

BMC Remedy: -

1. We are managing TASK, Incident and Change Request

**Configuration the Satellite Server Version 6**

* Installation Red Hat Satellite 6
* Managing Users and Hosts across Organization and Locations
* Registering Clients to Satellite Server

## IT Skills Set

* **Operating Systems** : Linux (SOLARIS, Red Hat, and CentOS)
* **Programming Languages** : Shell Script, Bash, AWK, and Sed
* **Other Products and Tools** : VMware, Virtual Box,
* **Ticketing Software** : BMC Remedy, SNOW.

## Technical Trainings and Certifications

* Computer Hardware/Networking and OS, from Attach Education, Ghaziabad Year 2007
* SCSA (Sun Certified System Administrator) for SOLARIS 10 OS
* Red Hat Certified (RHEL6)
* AWS Certified Solutions Architect - Professional

## Educational Qualifications

* MCA from MDU in 2015
* B.sc from Dr. Bhim Rao Ambedkar University, Agra in 2010
* Completed 12th in 2006
* Completed 10th in 2004

## Strengths and Soft Skills

* Self-Motivated and Innovative
* Ability to Work Effectively as Part of a Large, Multi-Disciplined, and Geographically Distributed / Virtual Team
* Ability to Interact with Organization’s Clients and Staff at All Levels
* Ability to Learn on the Job / on the Fly
* Ethos of Continual Personal and Professional Development

## Personal Details

Father’s Name : Mr. Raghuvir singh Rajput

Date of Birth : 03/04/1989

Marital Status : Married

Sex : Male

Mobile No. : 9643805664

Languages Known : English & Hindi

Passport Number : K9483155

PAN : BLYPK6552K

**Date**: Signature of the Applicant

**Place**: (KOUSHALENDRA)