**Vikram Singh**

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**Summary**

Senior Devops Engineer, having more than 9+ years of experience, seeking a challenging role in an organizationthatgivesmetheopportunitytosharetheknowledgetherebycontributingtothegrowthof the organization andself.

Detailed technical knowledge and hands-on experience of DevOps, Automation, Build Engineering and Configuration Management. Extensive experience in the design and implementation of fully automated ContinuousIntegration,ContinuousDelivery,ContinuousDeploymentpipelinesandDevOpsprocesses.

# Experience

### January 2017 - \* Present

Sr. Devops Engineer

Coolwinks Technologies Pvt. Ltd.

**Responsibilities:**

* Responsibleforconfiguration,troubleshooting,managementandoptimizationof servers.
* DevOpsBuildandreleasetoolsJenkins,configuration/managementtoimplement CI/CD.
* DevOpsintegration&Supportwith[Jira,Git,Gitlab,Maven,Jenkins,Docker,Kubernetes, Ansible]
* Provisioning,Configuring&TroubleshootingofdifferentAWSServiceslike VPC,EC2,ELB,Autoscaling,RDS,S3Bucket,IAM,andotherservices.
* Working on Ansible for performing IT orchestration tasks like configuration management,applicationdeploymentandtasksautomationforinstancesinall environments.
* DockermanagementfortestingandUATservershavingdifferentrequirements.
* ManageJIRA/Confluenceincludingconfigurationcustomizationanduser administration.
* Installingandmaintainingpackages,updatingpatchesinawssystemservices.
* Created and maintained Jenkins jobs that execute shell script.
* ConfigurationofmonitoringforinfrastructurewithNagios,ELKStack.
* FindingandFixingServer&applicationServervulnerabilities.
* Configuringservers,storage,networking,services,andapplicationsforHA(High Availability)
* ResponsibleforimplementationofdifferentWebServerservers(Apache,Nginx).
* NginxSetupasLoadbalancerandReverseproxyforApplicationserver(uWsgi)
* Providingend-to-enddeliveryofcompleteAWSCloudenvironmentinmultiple regions.
* Setup Jenkins and ansible for installation and hardening on any servers using multiple nodes(centralizedsystems).
* AutomatingtasksusingconfigurationmanagementtoolslikeAnsibleandBash scripts.
* ProvidesupporttoserverissuesrelatedtoFTP,SSH,SFTP,NTP,NFS,Apache, Mysql.
* Good Understanding ECS deploymentArchitecture
* GoodKnowledgeofKubernetesandEKSCluster..
* Experience of Linux environments(Ubuntu,Redhat,Centos).
* Good Understanding ELKStack.
* GoodUnderstandingofMongo dBReplicationCluster.

**February 2016 - November 2016 Devops Engineer**

SGM Software Pvt. Ltd. (Octroinc)

**Responsibilities:**

* ProficiencyworkingwithAmazonWebServices(AWS)likeEC2,EBS,ELB,S3,VPC,Auto Scaling,WAFinahighlyavailableandscalableproductionenvironment.
* DevOpsintegration&Supportwith[Jira,Git,Gitlab,Maven,Jenkins,Docker,Ansible]
* Iptables management or firewalledManagement.
* WebserverApacheandnginxconfigurationandAdministration.
* Used LoadBalancerHAProxy,NginxLoadBalancer.
* GoodUnderstandingoftheMacOperatingSystem.
* Experience of RsyslogServer.
* Worked withsourcecontroltoolssuchasGIT/BitBucket.
* Worked withscriptingShellandAWSCLI.
* GoodUnderstandingCIandCDtoolsautomationusingJenkins.
* ExperienceMonitoringtoolslikeNagios.
* Experience Ansible automationTools.
* GoodUnderstandingterraformwithAWSCloud.

### February 2014 - January 2016

Linux System Administrator

Avant Gardes Digital Service Pvt Ltd

**Responsibilities:**

* Installation & configuring Bind DNSServer.
* Installation & configuring File ServerSAMBA,NFS.
* GoodKnowledgeDHCP,telnet,FtpandSftp.
* SchedulefutureLinuxtasks,crontab,at.
* Manage logical volume management LVM storage withLVM Snapshots.
* GoodUnderstandingBackupandRecovery.
* TrackingSecurity Update and Managing Software Updates
* Operatingsysteminstallation&Troubleshooting(Redhat&Fedora,LinuxSuse.,Ubuntu&Other Linux.
* PXE Server with KickstartInstallation.

**February 2010 - Feb 2014** Linux System Engineer Wipro Pvt Ltd (Off-Role)

* Linux UserManagement
* PackageManagement
* Responsibleforcreating,modifyinganddeletingusers,groupsandassigningthepermissionsto users andgroups.

# Skills:

**Platforms**: RedHat, Ubuntu, CentOS, Windows **Orchestration tools:** Kubernetes,Docker **Application/Web Servers:** Apache, Nginx, uWSGI**Version Control Systems:** Git, Github, BitBucket**Automation/Build Tools:** Jenkins, Ansible,Github**Platform:** AWS

**Monitoring:** Nagios, CloudWatch,ELK Stack

**Scripting**: Bash, Shell, Python

# Education

MCA 2013, Maharshi dayanand university PGDCA 2011, Maharshi dayanand university

# Professional Qualification and Certification

**CKA** :Certified KubernetesAdministrator

**AWSCSA** :AWS Sysops CertifiedAssociate

**RHCAA** :Redhat Certified AutomationAnsible(100-172-543)

**RHCVA** :RedHatCertifiedVirtualAdministrator(100-172-543)

**RHCE** :RedHat CertifiedEngineer(100-172-543)

**RHCSA** :RedHat Certified SystemAdministrator(100-172-543)