

Vishal Chouhan

Male, 26 Years

A.N.S 1, Sethi Nagar, Ujjain(Madhya Pradesh),456010

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Experience:

2016 October - Till date DevOps Engineer and Linux Administrator at TCS-Pune and TCS-Indore.

Current Employer:

TATA COSULTANCY SERVICES.

Summary:

- o As a DevOps Engineer, implementing CI/CD pipeline from scratch using Azure Devops platform and Jenkins.
- o Experience working on Azure Kubernetes Services (AKS), deployment of microservices, HPA, configmap on AKS.
- o Experience working on Microsoft Azure Cloud.
- o Experience on build and deployment of microservice and angular UI and deployment of Nginx ingress and Redis on AKS through YAML.
- o Experience in deployment troubleshooting.
- o Developing CI/CD roadmap and implementing to the project.
- o Experienced in various project phases: Requirement/System gathering, Requirement/System Analysis, Functional Specification, Business Logic's, Design, Documentation, and Implementation.
- o Automating Build and Deployment process.
- o Automating installation of different components to save efforts and time.
- o Working knowledge of configuration management tool (Git).
- o Working knowledge and administration experience of Continuous Integration strategies.
- o As a Linux administrator providing specialized support to organization's client.
- o Having knowledge and experience in Linux administration, git workflows, cloud computing, infrastructure services, practical knowledge of troubleshooting issues on Linux and cloud environment.

- o As a Linux administrator also got opportunity working on different operating systems like Sun Solaris and AIX.
- o Very well aware about IT Service Management.
- o Excellent team player with problem-solving and trouble-shooting capabilities.
- o Good communication, interpersonal and presentation skills. Excellent work ethics, self-motivated and quick learner, willing to learn, adapts new technologies and third party products.

Technical Profile:

Source Code Repository/Registry	: Azure Devops, Bitbucket, Azure Container Registry
Continuous Integration and Continuous Deployment	: Azure Devops, Jenkins
Cloud Computing Platform	: Microsoft Azure
Operating System	: CentOS/RHEL7/Ubuntu, Sun OS, AIX
Virtualization	: KVM/XEN/Vmware Hypervisors
Scripting	: Shell, basic python scripting
PAAS	: AKS, Azure logic App

Professional Certification:

- o Red Hat Certified System Administrator.
- o Microsoft Certified: Azure Fundamentals.
- o Achieved ITIL foundation certificate in IT service management.

Professional Training:

- o Completed ITSM training.
- o Completed ILP training in ITIS stream at TCS-Trivandrum.
- o Completed technical training course on Red Hat Certified System administrator.
- o Completed technical training course on Red Hat Certified Engineer.

Responsibilities:

- o Automated Continuous Integration builds, nightly builds, deployments and unit tests across multiple environments (DEV, SIT, UAT, PROD).

- o Interacting with developers to priorities the issues.
- o Deployment of microservices on AKS using YAML file and troubleshoot deployment issues on AKS.
- o Deployment of NGINX Ingress and Redis cache on AKS.
- o Creating build of source code from repository, build docker image using ACR task from build artifact and deploying the image on kubernetes through manual and automated (Jenkins) approach.
- o Created Build definition and Release definition for Continuous Integration and Continuous Deployment.
- o Resolved Merge Conflicts, configured triggers and queued new builds within the release pipeline.
- o Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
- o Analyze and resolve conflicts related to merging of source code for GIT.
- o Play the key role in transition period of project. Like understanding the customer environment, create questioner and MOM (minutes of meeting) for the same.
- o Operating system Troubleshooting and recovery.
- o Providing technical support to organization's client for more than +7500 Maintaining 99.99% Uptime of servers (CentOS/Redhat/sun solaris, AIX).
- o Daily health check of all production servers .Creating monthly & quarterly activity plan.
- o Documented procedures and helped develop guides to aid in the troubleshooting of software and hardware systems and configurations.
- o Providing RCA for problems.
- o Providing support for different Linux flavors and versions.
- o Providing technical support and resolution to operators requests concerning system hardware, software issues.
- o Partially provide application support from OS prospective.
- o Worked with other administrators to strategize and improve systems/productivity.
- o Joining technical bridge call and response on them accordingly.
- o User administration – adding users to local and LDAP group to provide server access and different access like sudo access and root access.
- o Monitoring the user administration related files.
- o Managed, monitored and tested individual and group user access privileges and security.
- o Creating and scheduling jobs Automation using cron jobs.
- o Monitored system performance and prevented resource exhaustion using ssh, sar, netstat and nmon.
- o Linux Network Configuration and Troubleshooting (ifconfig ,traceroute , netstat , Dig (domain information groper), nslookup , route , Tcpdump etc .

- o Basic Shell scripting for Automation.
- o Extending disk size by LVM & resolving NFS related issues.
- o Creating and removing, Increasing and reducing Physical volumes, volume groups and logical volumes.
- o Significantly increased storage space; analyzed and matched workloads to a cost effective solution.
- o Decommission of Linux servers.
- o Having L1 experience on AIX, Solaris.

Personal Information:

Full Name : Vishal Chouhan
Father's Name : Kailash Chouhan
Date of Birth : 08/06/1994
Marital Status : Single
Address : A.N.S 1, Sethi Nagar, Ujjain, Madhya Pradesh, India, 456010
Contact Number : +91-8224892049
Email : vishal.chouhan74@gmail.com
Languages Known : English and Hindi
Educational Qualification : B.E - Computer Science Year of Passing: 2016 (Marks: 62.60%)
HSC - Year of Passing: 2012 (Marks: 64.60%)
SSC - Year of Passing: 2010 (Marks: 79.0%)

Interests:

Like to ride bike and play cricket in my leisure time.

Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Vishal Chouhan