

Achievement-driven professional targeting challenging assignments in **Redhat , Open shift and Kubernetes**

ACADEMIC DETAILS

- Bachelor of technology in Electronics & communication **(B.Tech E&C)** from Rajasthan University
- Diploma in Electronics and Communication Engineering

IT SKILLS

- **Operating System** – RHEL 5.x/6.x/7.x, Windows Server, Ubuntu, Centos.
- **PaaS Platform** – Openshift v3.5/3.6/3.7/3.9/3.10/3.11
- **IaaS Platform** – Openstack V13-Queen
- **App Server** - WebLogic Jboss, Apache Tomcat Jetty Nginx
- **Databases** - My SQL Postgresql
- **Monitoring Tools** - Splunk, Nagios.
- **Host / Network Based Security** – Iptables, TCP Wrappers, Xinetd, Selinux, Openssl, Kerberos.
- **Server Management** – Apache, Mail Server (Postfix & Send mail), FTP, SAMB, NFS, ISCSI, Squid, DNS, DHCP.
- **User Management** – NIS, Red Hat Directory Server, Openldap.
- **Cluster Configuration** –RedHat Cluster, LVM, VCS and VxVmWindows, Linux, Vmware

PROFILE SUMMARY

- A result-oriented professional with **12+ years** of experience in **DevOps, Linux System Administration along with Application Support & Maintenance, Business Process Reengineering** and ITIL process across industry verticals.
- Currently working with **IBM in Client innovation Center(CIC)**.
- Expertise on **Redhat Open Shift 3.5/3.6/3.7/3.9/3.10/3.11** and **4x container platform build, upgrade** and BAU support. Expertise in IT infrastructure services management, Linux Server Administration, environment build, migration and decommission.
- Possess excellent problem solving, time management and client relationship management skills
- Excellent communication & interpersonal skills with strong analytical, team building, problem-solving and organizational capabilities
- Experience on openshift, open stack, Kubernetes,Docker/Container and CI/CD along with Ansible and Git HUB/Jenkins.

CERTIFICATIONS

Red Hat Certified System Administrator for RHEL 7 OS **(RHCSA)**.

Open Shift Specialist in Administration (V3.9)

Open Shift Specialist in Operating Kubernetes Cluster (V4.5)

Certified Kubernetes administration (CKA)

Hashicorp Terraform Associate

ORGANISATIONAL EXPERIENCE

Date-31st May 2021- till Date

IBM Global Business Services.

- Currently working on OCP Deployment with 4.5 Version
- Sound Knowledge on VCS and SCM like Git and Gitlab
- Comprehensive experience in the design and implementation of Continuous Integration, Continuous Deployment, Continuous Delivery and DevOps Operations for Agile projects.
- Working with technologies and platforms including UNIX/Linux, Git,Maven, Jenkins,Openstack, Ansible,kubernetes, Docker and Podman.
- Worked in container-based technologies like Docker, Kubernetes and Openshift
- Experience designing and implementing container orchestration systems with Docker and Kubernetes.
- Designed and implemented scalable, secure cloud architecture.
- Experienced in Configure and Supporting monitor tools like Splunk, Nagios, ELK

Date-10th Dec 2020- to 28th May 2021

Ericsson Global India Pvt.Ltd.

- Worked on Ericsson Orchestrator and Its Troubleshooting to find out RCA
- Understanding of ETSI-MANO Standard
- Knowledge on NFVi, NFVO and VNFM

Date-15th Sept 2016- to 18th August 2020.

Quess Corporation, India

Client : Huawei Technologies

OpenShift PaaS Implementation

- Expertise on RedHat OpenShift platform technologies including K8S cluster installation, upgrade, and BAU support for OpenShift version 3.5/3.6/3.7/3.9/3.10/3.11
- In-line upgrade from OpenShift 3.5 to OCP 3.6 to 3.7 to 3.9 to 3.10 to 3.11 with zero downtime.
- Complete administration of the OCP clusters end to end.
- PV and PVC creation.
- Worked on Jenkins CI/CD Pipelines and Ansible playbooks on Linux platforms.
- Worked on Terraform-Infrastructure as Code(IaC).
- Deployment of applications in containers and PODS using Docker images.
- Experience on Docker and containers and application deployment over it.
- Worked on Git Hub and Docker repository
- Understanding of Grafana and Prometheus for monitoring purpose.
- Project/Namespace creation.
- Good Knowledge on Linux and Shell Scripting.
- Experienced in developing web-based applications using Python, PHP, XML, JSON and MVC3
- BAU Support of OCP cluster which includes production environment.
- Quarterly Release upgrade.
- Monitoring the status of pods/nodes, scheduling/un-scheduling the nodes from OpenShift infrastructure
- Implementation of CNS (Container Native Storage) using GlusterFS for Dynamic Storage provisioning.

Date-15th Dec 2014-30th April 2016

Company: First Point Group for Huawei Technologies, South Africa (Onsite Role)

Client: Orange

➤ **Tasks & Duties Executed-**

- Attending Customer related calls/Ticket
- Redhat Enterprise Linux Server 5.x/6.x/7.x installation and support.
- Server Decommission
- Inventory management of company's hardware and software.
- Experience in Openstack components Neutron, Nova, Cinder, Horizon, Ceilometer, Heat, Glance and Swift.
- Expertise in troubleshooting Openstack issues from fault detection, fault isolation and resolving many key issues.
- Administration of Production, Development and Test environment's carrying Windows, Ubuntu, Red Hat Linux and Centos.
- Experience in DevOps process using Jenkins, Ansible for On Demand Openstack deployment.
- Experience in managing multiple private clouds for enterprises on Bare metal, Virtual Machines and Containers to address different project needs.
- Experience in verifying Openstack environment in Docker Containers for Sanity tests before upgrading production environment.

Projects Implemented :**❖ Project Name – Orange and MTN Containerization Platform as a Service****➤ Brief Description on Project Scope / Responsibilities:**

- Installation of Open shift v3 using advance installation & disconnected installation on private datacenter.
- Application deployment on the Open shift v3 via console & CLI.
- Integration with Github or GitLab (Enterprise), Ansible Tower via setting Web-Hooks for Git / performing required setting On Ansible Tower
- Administration of Cluster Nodes, users, Projects, Pods & Networking
- Managing of Service Accounts, Image Policies, Security Context Constraints
- Monitoring the status of pods/nodes, scheduling/un-scheduling the nodes from Openshift infrastructure
- Setting up a Quota, limit range, modifying the quota information of a project.
- Working with docker images and perform operation on docker images
- Addition of new application nodes in OpenShift v3 and labelling the nodes as per the environment segregation.
- Openshift Cluster Life-Cycle management Including:
 - CI/CD Pipeline Creation using Tools Like (git, bitbucket, Jenkins, bamboo & DCArtifactory)
- Openshift Infrastructure Provisioning Automation using Ansible & Ansible Tower
- Implementation of Enterprise Registry - DTR (Docker Trusted Registry) for Container Environment to
- Integration of Openshift with Enterprise Monitoring Tool - Splunk by using Collectord & fluent-bit ,
- Defining Container Standards to ensure Container Environment remain Adhere with Security
- Standard
- Implementation of CNS (Container Native Storage) using GlusterFS for Dynamic Storage Provisioning
- Enabled Flex-Volume of Openshift & deployed PureStorage - Pure Service Orchestrator, which Run as Deamonset on all Openshift Nodes & provide Dynamic Block Storage Persistent Volumes to Container
- Deployment of Netapp Trident for Dynamic Persistent Volume Provisioning.
- Experience with Linux, database and application server configuration.

❖ Project Name – Bharti Airtel Limited Containerization Platform as a Service**➤ Brief Description on Project Scope / Responsibilities:**

- Administration of Cluster Nodes, users, Projects, Pods & Networking
- Managing of Service Accounts, Image Policies, Security Context Constraints
- Monitoring the status of pods/nodes, scheduling/un-scheduling the nodes from Openstack infrastructure
- Working with docker images and perform operation on docker images
- Addition of new application nodes in OpenShift v3 and labelling the nodes as per the environment segregation.
- Openstack/Linux administrator with experience in Openstack, cloud computing, Virtualization, Linux System Administration and Configuration Management.
- Administration of Production, Development and Test environment's carrying Windows, Ubuntu, Red Hat Linux and Centos.

Date- 12th July 2014-12th Dec 2014

Company: Innovis Technologies (Onsite Role)

Project Name – Ooredoo (Thailand, Singapore and Myanmar)

Brief Description on Project Scope / Responsibilities:

- Implementation of systems & scheduling automated and manual backups/restored to take production data and archive log files backup.
- Have very good experience working with Change Management for scheduling changes on Production server using Remedy Ticketing System.
- Firmware patching on HP Servers and Use to troubleshoot issue related to hardware (HP).
- Installation and Manage VERITAS Volume manager. Creating new file systems, mounting file systems and unmounting file systems
- Use to Join Bridge Calls on P1 / P2 Issues related to OS (LINUX) & use to provide fix within defined SLA
- Performing system administration activities including installation, system monitoring, configuration, troubleshooting.
- Performing User ID creation, modification, deletion and maintain server security.
- Monitoring system logs and the root's email for important messages such as errors and warnings or hardware fail errors.
- Proficient with user account maintenance, backup & recovery, Auto-mounting, License Management and Printer configuration.
- Responsible for Configuring and managing the SSH, NFS, FTP, SAMBA Servers on Linux.
- Configuring and monitoring Disk mirroring, striping using LVM & VxVM.
- NFS configuration & administration.
- Monitoring & troubleshooting with performance related issues
- Swap space management.

Date-15th March 2011-21st May 2014

Company: IMSI India Pvt Ltd for Nokia Siemens Networks

Project Name – Nokia-Vodafone Project

➤ **Brief Description on Project Scope / Responsibilities:**

- This is Project we are having Total 6000+ Linux Servers in Scope running (LINUX) hosted on Virtual Platform. Scope of Work defined for Linux to execute is marked below;
- Providing Application Operations Support to Airtel Business team to manage in house developed application/Android App/iOS app, work includes configuration of Linux VM/Physical Machine, installation of required software's like (Weblogic Jboss Apache Tomcat Oracle Database My Sql etc)
- Experience in Openstack components Neutron, Nova, Cinder, Horizon, Ceilometer, Heat, Glance and Swift
- Network policies, DNS mapping, A record entry of Private and Public IP.
- Experience in creating/managing multiple tenants in a cloud, creating quotas, triggering alarms when certain thresholds are reached, creating network and creating/customizing heat templates.
- Incident (Functionality failure, data discrepancy), Problem (Repeated incidences not permanently fixed) & Change management (Bugs/Break Fixes; Enhancements), RCAs and documentation using ITIL process.
- Look after performance degradations and ongoing maintenance activities OS upgrades, FTP Servers, Network, Database Purging and Archival, Job Scheduler and reporting services.

Date-1st January 2008 till 10th March 2011

Company: Telecom Infrastructure Consultancy Services for Ericsson.

Client Name – Vodafone India Limited.

➤ **Brief Description on Project Scope / Responsibilities:**

- Linux administrator with experience in cloud computing, Virtualization, Linux System Administration and Configuration Management.
- Doing E2E configuration of TDM and IP traffic on MLTN, MLSP210, SP01410 using remote desktop server, SOEM, NMS circuit.