



PRADEEP KUMAR PANDEY

Certified Kubernetes Administrator (CKA)

Certified Kubernetes Application Developer (CKAD)

DevOps Engineer at Retail Kloud9 Technologies India Private Limited.

Pg-Diploma in It Infrastructure System and Security

B.Tech in Electronics and Communication Engineering

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CAREER VISION

To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields and realize my potential where I can get the opportunity for continuous learning.

EDUCATIONAL QUALIFICATIONS

Post Graduate Diploma in IT Infrastructure, Systems and Security	Feb-2014
From- Centre for Development of Advanced Computing(C-DAC), Bangalore	
Bachelor of Technology in Electronics and Communication Engineering	Jul-2012
From- Uttar Pradesh Technical University (UPTU), Lucknow	
Intermediate (UP Board)	May-2007
From- Obra Inter college (Sonbhadra)	
High School (UP Board)	Jun-2005
From- Saraswati Vidya Mandir (Sonbhadra)	

LINUX TRAINING /CERTIFICATIONS

Completed **104Hr.** Advance Linux Server Administration training on RHEL7 at **Network Nuts** (Located at South-Ex, New Delhi) from **8-Dec-2014 to 27-Jan-2015**.

Certified Kubernetes Administrator (CKA)	(Oct-2018)	ID- CKA-1800-0909-0100
Certified Kubernetes Application Developer (CKAD)	(Dec-2018)	ID- CKAD-1800-0263-0100
Redhat Certified Engineer (RHCE) On RHEL-7	(Feb-2015)	ID- 150-024-180
Redhat Certified System Administrator (RHCSA) On RHEL-7	(Feb-2015)	ID- 150-024-180

PROFESSIONAL EXPERIENCE

DevOps Engineer at **Retail Kloud9 Technologies India Private Limited**. From 20 December 2017 to Present.

Roles and Responsibilities:

Implementation of Kubernetes and Openshift cluster on GCP and on-premise servers, automation of cluster provisioning, patching, and deployment process through Jenkins code, terraform and Ansible, **Development of node auto scaling process in openshift 3.6 and 3.9** , POC for new features.

DevOps Engineer at **Echidna Software Pvt Ltd. (Kloud9)** from 24 October 2017 to 19 December 2017.

Roles and Responsibilities:

Implementation of Kubernetes and Openshift cluster on GCP and on-premise servers. Development of Jenkinsfile and Jenkins shared library to automate the cluster maintenance process.

Linux Engineer at **Tetra Information Services Pvt. Ltd.** from 25 July 2015 to 16 October 2017.

Roles and Responsibilities:

Part of planning and implementing multiple open source product on linux operating system, like Kubernetes (Docker Cluster Orchestration), Docker, Docker Registry, Ansible, Jenkins, Selinux management, Iptables (Linux based firewall), Red Hat Enterprise Virtualization System (RHEV), Red Hat Satellite, Zimbra (Open Source Email Collaboration Solution), Highly available linux based DHCP server, PCS (Red Hat High Availability OS Cluster), Nagios, NTP servers, Postfix , Qmail etc. Providing 2nd and 3rd level support and troubleshooting, Bash Scripting, Linux servers patching, Scheduling automated backup etc.

PROJECTS:

Project Name: Central Openshift Implementation and Automation (XPAAS and PASS).
Client: Kohl's
Duration: November 2017 to till date.
Environment & Tools: Openshift, Git, Kubernetes, Jenkins, Ansible, Terraform, Vault, GCP, Linux

Roles & Responsibilities:

- Development of node auto scaling process in openshift 3.6 and 3.9.
- Implementation of Openshift cluster on GCP and on-premise servers.
- Provisioning of VMs through terraform and Jenkins groovy code.
- Automation of cluster maintenance.
- Deployment automation.

Project Name: Kubernetes and docker environment optimization and implementation.
Client: Infosys Limited ,GST (Goods and Services Tax)
Duration: November 2016 to August 2017
Environment & Tools:Kubernetes, Docker , Jenkins , SVN , Docker Registry,Ansible

Roles & Responsibilities:

- Creation of Kubernetes Orchestration through Ansible Playbook.
- Optimization of Docker Images.
- Creation of Jenkins Pipeline for Continuous Deployment.
- Implementation of Canal Network Policy for securing pods networks.
- Installing and securing Docker registry.
- Implementing Selinux security in kubernetes environment etc.

Project Name: DC- DR , Rhev and Zimbra Open Source Email Collaboration Solution.
Client: UIDAI (Unique Identification Authority of India).
Duration: September 2016 - October 2016.
Environment & Tools:Red Hat Enterprise Virtualization System (RHEV), Zimbra (Open Source Email Collaboration Solution).

Roles & Responsibilities:

- Installation and configuration of Redhat Virtualization system in DC-DR at UIDAI data centre .

- Installation and configuration of Zimbra Open Source Email Collaboration Solution in DC-DR.
- Providing training of RHEV and Zimbra to client.
- Migration for more than 3500 emails account from RedMail to Zimbra.

Project Name: New Office IT Infrastructure (GSTN)

Client: Goods and Services Tax Network (GSTN)

Duration: May 2016 to September 2016.

Environment & Tools: Red Hat Enterprise Virtualization, Redhat Satellite Server, Desktop Central, Zimbra Collaboration Suite, Log Collector, DHCP, DNS, NTP, Print server, Samba4 Directory Server, File Server, IMSVA, Antivirus, HP Data Protector Backup Solution, Telephony.

Roles & Responsibilities:

RHEV (Red Hat Enterprise Virtualization):

- Implementation of RedHat Enterprise Virtualization 3.6 (Self Hosted) with 5 HPE DL380 servers.
- Configuring storage domains from projected FC Luns.
- Set up bonds in dynamic link aggregation (802.3ad) and active backup mode.
- Configuring fencing with ILO4.
- Installing and managing highly available virtual machines.
- Setting up affinity rules on virtual machines.
- Creating scheduled snapshots with the help of bash scripting.

RedHat Satellite Server:

- Installation of Redhat Satellite Server 6.1.8.
- Creation of manifest and management of subscription from RedHat portal.
- Managing virtual data center subscription in to satellite server.
- Registering all RHEL clients with satellite server.
- Configuring Puppet and OpenSCAP reports on satellite server.
- Scheduling patches and updating RHEL machines from Satellite server.
- Updating Satellite Server 6.1.8. to 6.2.0.

Zimbra Collaboration Suite Multi Server (Email Server) Setup:

- Configuring and installing of two mailbox servers with RedHat PCS cluster suite with full IPv6 support.
- Configuring and installing of two MTA servers in active-active mode and one archive server with full IPv6 support.
- Integration on zimbra mail server with samba4 active directory server.
- Creation of users and distribution lists.

ISC DHCP IPv4 with failover and with IPv6:

- DHCP IPv4 with 12 VLANS and DHCP failover peer.
- Customized scope for IP Telephony.

Project Name: Zimbra Upgradation to 8.5 NE and LDAP Migration.

Client: Ministry of Defence Government of India.

Duration: March to April 2016.

Environment & Tools: Upgradation of Zimbra mail server 8.06 open source to Zimbra 8.5 Network Edition and LDAP migration.

Roles & Responsibilities:

- Updation of Zimbra open source 8.06 to Zimbra 8.5 Network Edition with no data loss.
- Migration of customized Zimbra LDAP from old to newly installed Zimbra mail server.
- Providing training to customer on Zimbra Network Edition.

Project Name: Red Hat Enterprise Virtualization 3.5 Implementation.

Client: Soteria Command Center Pvt. Ltd.

Duration: 19-20 April 2016

Environment & Tools: RedHat Enterprise Virtualization 3.5 implementation on two Hypervisor with 7 Vms creation.

Roles & Responsibilities:

- Installing and configuring Hypervisors.
- Implementation of RedHat Enterprise Virtualization 3.5 (Self Hosted) with 2 Hypervisors.
- Configuring storage domains from projected ISCSI Luns.
- Installing and managing highly available virtual machines.

TECHNICAL SKILLS:

Kubernetes, Openshift, Jenkins Groovy code, Ansible, terraform, Docker, SELinux management, Iptables, Red Hat Satellite, RHEV, Zimbra, Postfix, SSL, Bash, Cluster Management, Networking, Nagios etc.

STRENGTH:

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- Goal Oriented and Success Driven.
 - A good learner and Positive Thinking.
 - Hard Working and Adaptable Personality.

PERSONAL DETAILS:

Father Name: Shri. Kedar Nath Pandey

Date of Birth: 2ND July 1990

Sex: Male

Nationality: Indian

Address: FlatNo. S3,10A,4th ACross, SuddaguntaPalya, Bengaluru, Karnataka 560093

Language Known: Hindi & English

Marital Status: Single

Interests: Blogging, Surfing Internet, Reading News, Listening to Music.

Place: Bengaluru

Date

Pradeep Kumar Pandey