

DHAYANAND S (Bachelor's Engg)

Decisive, strategic and performance-driven professional targeting senior-level assignments in **Openshift, DevOps** with an organization of high reputation in **IT Industry**

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Bengaluru



PROFILE SUMMARY

- 4 years of experience in **DevOps, Cloud Technologies and Openshift**.
- Working and experience on **Openshift, Kubernetes, Docker and Linux** Platforms.
- Good experience on IAAS (AWS Services), Cloud Computing architecture (AWS)& building deploying in and maintaining the cloud experience.
- Architecture and hands-on Engineering Production experience in large environments using configuration management tools Ansible.
- Working in a Dockers environment, good knowledge of **Dockers containers** and **networks**.
- Working with Container **orchestration** tool like **Kubernetes**.
- Good experience on **VMware** and virtualization environments.
- Databases, Networking and DNS Management and Created and Maintaining **File system and Backups**.
- Good knowledge on **server hardware and configurations**.
- Core **Linux Server administration**, Administration of Production Development and Test environment's carrying, **Ubuntu, Red Hat Linux, Debian, and Centos**. Well Experience on all Linux services.
- Working experience in **continuous integration & continuous deployment** tool like **Jenkins** and dependency tools like **Git**.
- Responsible for managing all aspects of the software configuration management process including code compilation packaging deployment release methodology and application configurations.

EDUCATION

- **Bachelor of Engineering** from Kongu Engineering college, Anna University, Tamil Nadu in **2016**
- **Diploma** from Muthayammal Polytechnic college, Tamil Nadu in **2013**



CORE COMPETENCIES

Solution Installation & Configuration

Application Lifecycle Management

Technical Support/ Troubleshooting

DevOps – Build and Release

Project Planning

Operations Excellence

Risk Mitigation & Resolution

Agile Programming Methodology

Team Management

SLA/ TAT Management



SOFT SKILLS

Thought Leadership

Conflict Resolution

Decision Making

Analytical



IT SKILLS

DevOps Tools: Github, Jenkins, Tomcat, YAML, Nginx, Quay

Cloud: AWS

Microservices: Kubernetes, Dockers, Openshift, Podman

NW Tech: DNS, DHCP, FTP, NIS, NFS, TCP/IP, UDP, HTTP, & SSL

Database: MySQL, SQL, Maria DB

OS Platforms: RHEL, Ubuntu

Automation: Ansible

VMware: Hypervisor, Fault Tolerance, Citrix Xen Server

Middleware: Apache Web Server, Tomcat



CERTIFICATION



redhat
CERTIFIED
ENGINEER

REDHAT Certified Engineer:
RHCSA, RHCE.

WORK EXPERIENCE

June' 21–Till Date with **HCL Technologies, Bangalore** as **Lead Engineer**

Key Result Areas:

- Involved in **openshift** and **Kubernetes installation** on AWS platform.
- Verifying the **Health of openshift Cluster**.
- Troubleshooting **OpenShift Clusters and Applications**.
- Maintaining **Persistent Volume and Persistent Volume Claim** Life Cycle.
- Configuring **Authentication and Authorization** by using **HTPasswd** Identity Provider.
- Configuring the **Dockers containers** and creating **Dockers files** for different environments.
- Created the **deployments, services, and ingress** flows for the application setup in the **Kubernetes cluster**.
- Performing **roll back and roll out** features for the application using K8S.
- Maintaining the source code in GIT for various applications.
- Installed and configured Jenkins for continuous integration and performed continuous deployments
- Using Jenkins as a Continuous Integration tool for automation of daily process.
- Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
- Build and configured Jenkins slaves for parallel job execution.
- Managed Amazon Web Services like EC2, S3 bucket, RDS, EBS, ELB, AMI, IAM roles through AWS Console.
- Configure Virtual Private Cloud with subnets, AWS security patches and NAT Instances manually as well as with the VPCcreator.
- Configured security groups, Network Access Control List and Routing Tables.

Jan' 20–Jun'21 with **IBM, Bangalore** as **Linux Administrator**

Key Result Areas:

- Configuring the **Dockers containers and creating Dockers files** for different environments.
- Used Kubernetes to **orchestrate the deployment, scaling and management of Docker Containers**.
- Proficient with container systems like **Docker** and container orchestration like **EC2 Container Service, Kubernetes**
- Created the **deployments, services, and ingress flows** for the application setup in the **Kubernetes cluster**.
- Performing **roll back and roll out** features for the application using K8S.
- Installation and **configuration of RHEL 5 & 6 & 7**(Red Hat Enterprise Linux).
- Worked on **OS patching, Security patching and kernel up gradation** on RHEL, SUSE and Centos Servers.
- Installing and **configuring KDUMP** for SUSE and Redhat Linux.
- Worked on **Service Pack migration** on SUSE Linux.
- Managing Packages **using Redhat Package Manager, YUM, zypper**.
- **Security hardening** of different versions of Linux like RHEL and SUSE.
- Installing Packages according to the requirement.
- Working with Red Hat Vendor to share **sosreport** and for SUSE **Support config** and resolving critical issues for any known bugs.
- Worked with File systems include **ext3, ext4, xfs, cifs and NFS**.
- Experience on File system and **Disk management and Managing disk partitions**.
- Monitoring System components such as CPU, Disk, Memory and Swap space Utilization.
- Hands of Experience on LVM.
- Creating new mount point with LVM
- Extending the LVM partitions.
- Worked on ICD(**Maximo**) **Ticketing Tool**.

Oct' 19–Jan' 20 with **Fidelity Information Services, Bangalore** as **Linux Administrator**

Key Result Areas:

- Worked on OS patching, Security patching and kernel up gradation on RHEL, SUSE and Centos Servers.
- Worked with File systems include ext3, ext4, xfs, cifs and NFS.
- Hands of Experience on LVM.
- Performance & monitoring disk usage.
- Installing and configuring KDUMP for SUSE and Redhat Linux.
- Worked on Service Pack migration on SUSE Linux.
- Managing Packages using Redhat Package Manager, YUM, zypper.
- Security hardening of different versions of Linux like RHEL and SUSE.
- Installing Packages according to the requirement.
- Working with Red Hat Vendor to share sosreport and for SUSE Support config and resolving critical issues for any known bugs.
- Experience on File system and Disk management and Managing disk partitions.
- Monitoring System components such as CPU, Disk, Memory and Swap space Utilization.
- Creating new mount point with LVM
- Extending the LVM partitions.
- Adding disks to the Volume group, Creating File System.
- Backing up and restoring files across the network using “tar”.
- NFS server troubleshooting mount issues in nfs.
- Scheduling Backups - Task Schedulers (Crontab) for backups, monitoring, file creating, etc
- Worked on Subscription issues in RHEL and SUSE Servers.
- Handling user account management by creating, managing user accounts and passwords.

Apr' 19–Oct' 19 with **Royal Elegance Technologies, Bangalore** as **System Administrator**

Key Result Areas:

- Experience on File system and Disk management and Managing disk partitions.
- Monitoring System components such as CPU, Disk, Memory and Swap space Utilization.
- Creating new mount point with LVM
- Extending the LVM partitions.
- Adding disks to the Volume group, Creating File System.
- Backing up and restoring files across the network using “tar”.
- NFS server troubleshooting mount issues in nfs.
- Scheduling Backups - Task Schedulers (Crontab) for backups, monitoring, file creating, etc
- Worked on Subscription issues in RHEL and SUSE Servers.
- Handling user account management by creating, managing user accounts and passwords.
- Worked on OS patching, Security patching and kernel up gradation on RHEL, SUSE and Centos Servers.
- Worked with File systems include ext3, ext4, xfs, cifs and NFS.
- Hands of Experience on LVM.
- Performance & monitoring disk usage.
- Installing and configuring KDUMP for SUSE and Redhat Linux.

Apr' 18–Apr' 19 with **Milcots Systems India Pvt Ltd, Bangalore** as **System Administrator**

Key Result Areas:

- Involved in Hardware troubleshooting of Laptops and Desktops.
- Installation and troubleshooting of Operating Systems like Windows 7, Windows 10, Ubuntu, Fedora, CentOS, Red hat.
- Disk partitions by using F disk concept.
- Managing swap space.
- Handling LVM and File System management.
- Worked in vi and vim editors.
- Scheduling jobs using Crontab.
- Adding Users, Groups and checking account security and granting permissions by using ACL in Linux.
- Installing the packages by using RPM and YUM configurations.
- Configuring and troubleshooting of DHCP, DNS, FTP, HTTP, Apache, MS Outlook on multiple windows versions.
- Configuring Switch and Router setup, Port Forwarding, IP Settings, DMZ Server with Public IP Address.
- Maintaining Employees Project data in Storage Server using RAID concept.
- Maintaining Biometric Device, Mail Server, Employees Mail ID's.
- Maintaining DVR and Intercom Telephonic Lines.



PERSONAL DETAILS

Address: 1/174, Mookarai Kaliyamman Kovil Kadu, Veeranam(po), Salem-636122.

Date of Birth: 24-01-1995

Languages Known: English, Tamil