**Deepak Srivastava**  

***Solution Architect | Unix, DevOps & Hybrid Cloud***

**Core Expertise**

* Highly accomplished and visionary IT leader with 15+ years of experience in designing, implementing, and managing large-scale Linux and DevOps environments. Proven track record of driving innovation, improving efficiency, and reducing costs through the adoption of cutting-edge technologies and best practices.
* Extensive experience in maintaining and supporting large Cloud, Unix and Data Centre environments.
* Proven ability to lead projects. Dexterous in analysis, design, implementation, and maintenance of complex computing environments.

**Achievements**

* Successfully led the implementation of a large-scale Linux environment, resulting in a 50% reduction in deployment time.
* Developed and implemented a comprehensive Linux strategy, resulting in a 25% reduction in Linux-related costs.
* Published several articles and whitepapers on Linux topics and presented at industry conferences.
* Successfully implemented a high-availability Linux cluster for a mission-critical application
* Developed and implemented a comprehensive Linux security policy for a large enterprise
* Improved system efficiency by 30% through automation and optimization of system administration tasks

**Profile Overview on Hybrid Cloud & Unix Orchestration**

* Highly experienced Linux Administrator with over 8 years of experience in managing and supporting large-scale Linux environments. Proven track record of ensuring high availability, performance, and security of Linux systems. Skilled in Linux distributions such as RHEL, CentOS, Ubuntu, and SUSE.
* Managed and configurated on OpenStack environment for more than 2000 VMs over 500+ Physical Servers.
* Proficient in container security and secrets management such as Docker/Kubernetes/AKS Service.
* Performing Maintenance: Applying security patch updates and FW updates to nodes (OpenStack Controllers/Compute/Ceph MON and OSD Nodes) using rudder and satellite tools.
* Provisioning & Decommissioning Linux compute and ceph servers.
* Adding New VLAN to OpenStack for requested provider network.
* Image handling: providing latest images to customer, Clean-up duplicated public images, deleting old inactive images, and troubleshooting deletion issues.
* Performing, Maintenance, applying security patch updates and FW updates to nodes (OpenStack Controllers/Compute/Ceph MON and OSD Nodes) using rudder and satellite tools. Apply HDD Firmware to Ceph Nodes as bug fix.

**Technical Proficiencies**

* Cloud: OpenStack, AWS
* Operating Systems: HP-UX, RedHat & SuSE Linux, CentOS
* Management Tool: Ansible Tower
* Containerization: Kubernetes, OpenShift, Docker
* Version Control: GIT
* Clustering: VCS, HP MC Service Guard, VCS, RedHat Pacemaker
* Virtualization: nPar, vPar, HPVM, VMWare, KVM
* Languages: YMAL, Shell Scripting, PowerShell
* Frameworks: SafeAgile, ITIL - V3

**Education**

* M.Sc. [Computer Science and Engineering] from Allahabad University.

**Certification**

* Certified RedHat OpenStack V16
* Certified Red Hat Enterprise Linux – RHCE V5 & V9
* Completed RedHat CEHP training.
* Certified AWS Solution Architect- Associate
* Certified Ansible Automation
* Certified System Administrator - HPUX
* Certified Scaled Agile

**Professional Experience -**

**Solution Architect, based on Noida Since – Jan 2023**

* Planning and execution for infrastructure on Unix infrastructure.
* Actively participating on RFP, RFS, RFI and resource efforts.
* Implemented Canonical OpenStack provide cloud.
* Planning solutions for upgrade RedHat OpenStack, CEPH infra and backup solutions.
* Experience implementing infrastructure on Kubernetes/AWS/Azure cloud & private Cloud.
* Automated Openshift 4 deployment through Azure devops pipeline
* Implemented Openshift Virtualization on OCP cluster.
* Migrated VMs from VMWARE & RHEV to Openshift Virtualization.
* Automated the deployment and maintenance of cloud & container platform technologies
* Worked in-place upgrade to upgrade production Linux to another vendor.
* Implemented Prometheus/Grafana tools for Linux servers monitoring.
* Assist in recruiting and onboarding high energy, high velocity engineering talent to provide the services.

***Previous Experience -***

* System Advisor, Service based top MNC (Jan’20 to Jan’23)
* Consultant, Service based top MNC (Feb’15 to Jan’20)
* Senior Engineer, Telecom based MNC (Nov’13 to Feb’15)
* Unix Administrator, Solution based top MNC (Nov’11 to Nov’13)
* Senior Engineer, Solution based top MNC (Sept’10 to Nov’11)

***I certify that the information given above is the best of my knowledge***