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In quest of a challenging position that allows me to advance my skills in the field of IT. I want to work with an enlightened organization where I can utilize my knowledge and skills for mutual benefit.

PROFESSIONAL SUMMARY

- ✓ Overall **8+ years** of Experience on **Openstack, Log Management, product deployment, CI/CD Pipeline, Data Center support, AWS support, VMware, Networking, Netapp Storage, License Manager, LSF 8.3, 100+ applications support in govt & Central govt projects, Sr. Linux Administrator, DevOps Life Cycle operations, Dockers, Kubernetes.**
- ✓ Experience in working with AWS resources like **IAM, EC2, EBS, S3, ELB, VPC, ECS, EKS, Route 53, Auto Scaling, Cloud Watch, Cloud Front, Cloud Trail, RedShift, SNS, Elastic search**, and experience in **Cloud automation.**
- ✓ Cloud / DevOps professional with experience in the IT industry comprising of **Cloud Management, Software Configuration Management, Continuous Integration / Continuous Deployment process, Automation, Build and Release Management, and Linux System Administrator.**
- ✓ Designed **AWS Cloud Formation templates** to create customized **VPC, Subnets, and NAT** to ensure successful deployment of Web applications and database templates and expertise in architecting secure **VPC Solutions in AWS with the help of Network ACLs, Security groups, public and private network configurations.**
- ✓ Hands-on experience in setting up a database in **AWS using RDS, storage using S3 bucket**, and configuring instance backups to S3 bucket to ensure fault tolerance and high availability.
- ✓ Expertise in **Cloud Infrastructure Automation** includes Amazon Web Services (AWS), Ansible, Jenkins, GitHub, Tomcat, LINUX, etc.
- ✓ Experience in version control systems like Subversion and GIT and used Source code management client tools like GitBash, GitHub, Clear Case, Git GUI, and other command-line applications in branching, tagging, and maintenance on **UNIX and Windows environments.**
- ✓ Played a key role in automating the deployments on **AWS using GitHub and Jenkins.**
- ✓ Extensive experience in setting up the CI/CD pipelines using **Jenkins, GitHub, and AWS.**
- ✓ Extensively worked on Jenkins for configuring and maintaining continuous integration (CI) and for **End to End automation** for all builds and deployments.

- ✓ Good understanding and implementation experience of **CI/CD pipeline, automation programmatically** by creating **Jenkins jobs and pipelines**, and solving various problems with **NAT, Maven, and Gradle as plugins**.
- ✓ Working on **NETAPP 7mode & Cluster mode** Storage boxes create aggregates and volumes, queues creation, and CIFS and NFS shares.
- ✓ **License Manager** support and License installation and updates.
- ✓ Closely working with **Hardware vendors** to replace failed parts.
- ✓ Distributing Load using **LSF 8.3** on the cluster nodes.
- ✓ Having good implementation experience with installation and configuration of Kubernetes, clustering them, and managing local deployments in **Kubernetes**.
- ✓ Expertise in configuration and automation with Ruby Script **using Chef with Jenkins, Ansible, and Docker**.
- ✓ Working knowledge in **Virtualization Technologies vSphere, VMware, and Virtual Box**.
- ✓ Experience in implementing and maintaining an **Apache Tomcat, Apache HTTP web service environment**.
- ✓ Strong experience with **Version Control Systems like GIT**.
- ✓ Performed **OS installations, OS Upgrades, and Server Patching by configuring PXE and DHCP server** using **Kickstart Configuration** and by using **Red Hat Satellite server**.
- ✓ Linux Administration includes the provisioning and maintenance of Linux servers in production and development environments.
- ✓ Utilized Kubernetes for the runtime environment of the **CI/CD system to build, and test deploy**.

TECHNICAL SKILLS

Operating system	Windows, Amazon Linux, RHEL/CentOS 5.x/6.x/7, Suse
Cloud Technology	AWS (IAM, EC2, EBS, S3, ELB, VPC, ECS, CLOUD FORMATION, CLOUD WATCH, Route 53, Auto Scaling, Cloud Trail, SQS, SNS, EFS, ECS), Open Stack , CCD Cluster , NFS Storage , License Management , Certificates , LLD /HLD Designs
Virtualization Technologies	vSphere, VMware Workstation, Oracle Virtual Box, Hyper-V
Configuration Management Tools	Ansible, Ansible Tower
Continuous Integration /Continuous Deployment Tools	Jenkins
Build Tools	MAVEN
Containerization Tools	Docker, Kubernetes, ECS, EKS
Version Control Tools	GIT, GitHub
Bug Tracking Tools	JIRA
Monitoring Tools	Amazon Cloud Watch, Nagios
Databases	MySQL, Mongo DB, Dynamo DB, SQL Server
Networking/Protocols	TCP/IP, VPC, subnets, VPN

Scripting Languages

Shell scripting, Python Basic Knowledge.

Web Application servers

Apache Tomcat, Nginx

AWARDS AND HONORS

- Best Support of the Employee R&D in DRDO -2019.

LANGUAGE COMPETENCIES

- English, Telugu, Hindi

PROFESSIONAL EXPERIENCE

Company name: **Ericsson Global India Pvt Ltd, Bangalore** March 2021 - Present

Title: **Senior Solution Integrator**

- Experience in Product Deployment from the scratch planning and collaboration with other Teams
- Designing LLD/HLD to deploy the product in the client environment
- Making an understanding of client products and monitoring log management tools
- Deployed Kubernetes service and troubleshoot on microservices, pods, storage, and servers using Cluster Management.
- Deployed & Worked Open stack environment and troubleshoot issues
- Worked on Network troubleshoot and collaboration with Network team IP Packet Teams
- Troubleshoot on Core Packet level monitoring and validation
- Clients' collaboration regards on delivery and time plan management
- Worked on License management for products
- Experience in certificates generation and renewal certificates
- Worked on CI/CD process docker images update and pipeline deployment
- Installation and deployed microservices, persistent volumes, and NFS storage attachments
- Worked on Open stack, CCD clusters, Networking, Telecommunication technologies, Packet Core

Environment: - OpenStack, telecommunication Technologies, CCD Cluster, master & worker management on Kubernetes, Docker, Jira, Ansible, License management, Applications Support, log Management tools operation, IP packets troubleshooting, Linux Administration, Jenkins, Git, DevOps operations.

Company name: **Vitage Systems Pvt Ltd, Bangalore** Oct 2017 – March 2021

Title: **Sr Linux Administrator & DevOps Engineer**

Roles and Responsibilities:

- Proficient in AWS services like VPC, EC2, S3, ELB, Autoscaling Groups (ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail.
- Experienced in creating multiple VPCs and public, and private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Analyzed, Designed, and Setup IAM Users, Roles, and Policies as per the Organization Security Standard.
- Used security groups, network ACLs, internet gateways, and route tables to ensure a secure zone for the organization in AWS public cloud.
- Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
- Building/Maintaining Docker container clusters managed by Kubernetes.
- Used Ansible Playbooks to set up and configure Continuous Delivery Pipeline and Tomcat servers. Deployed Micro Services, including provisioning AWS environments using Ansible Playbooks.
- Build EC2 Instance in Amazon Cloud
- Created AMIs from EC2 Instances as a template
- To create multiple EC2 Instances by using templates
- Verify VPC, Gateways, Routing tables
- Providing high durable and available data by using S3 life cycle management.
- Configure and verify Security groups
- Troubleshoot on AWS Instance failures & Host problems
- Migrate backup from S3 to glaciers for cost optimization using s3 life cycle
- Configure and monitor ELBs
- Attach EBS Volumes to EC2 Instances & resize volumes if required
- Cross-region on data replication on S3 bucket for data availability

- Monitor servers through Amazon CloudWatch and SNS
- Launch EC2 instances in different regions by using snapshots
- Implementing Auto Scaling
- Create AMI/Snapshots/Volumes/Upgrade/downgrade AWS resources (CPU, Memory, EBS)
- Create clusters using AWS EKS service.
- Manage to Join Unmanaged nodes in EKS Cluster.
- Running pods on Nodes and managing Nodes in a cluster.
- Create CloudFormation YAML files and deployed them in AWS.
- Checking VPC, NAT, Route table Information, and Security Groups
- Monitoring CloudWatch service for log Information In detail monitoring
- Build Deploy and Monitor Microservices in Amazon Cloud Services AWS.
- Deploying Docker container on AWS ECS.
- Hands-on experience in Container Orchestration like AWS ECS, and Kubernetes.
- AWS ECS and EKS for docker image storage and deployment.

Environment: - EC2, EBS, EFS, EKS, ECS, IAM, ELB, VPC, AMI, RDS, S3, Route 53, Elastic Load Balancing, Cloud Front, Autoscaling, Cloud Formation, Elastic Cache, Cloud Watch, Route 53, Nagios, Kubernetes, Docker, Jira, Ansible, Maven, LSF 8.3, NETAPP 7&Cluster modes, License management, Applications Support, Datacenter Engineer, Linux Administration, Jenkins, Git, DevOps operations.

Company name: **Research Center Imarat, Hyderabad**
 Title: **Linux Administrator**

Aug' 2014- Sep' 2017

Roles and Responsibilities: -

- Experienced in production support 24/7 shift
- Queue monitoring & working on priority tickets
- Working on incidents & change request execution on time
- Joining bridge calls with clients for P1
- Engage Hardware vendor to replace failed hardware parts.
- Troubleshoot Linux Booting Process issues
- Perform Weekend Change activities like upgrades/reboots/application changes
- Patching Linux servers to mitigate the vulnerabilities and maintain security compliance
- Package Management using RPM or YUM
- File system Cleanup, Disk Utilization Activities
- Managing Swap & Memory Utilization using vmstat and top and increase swap

- Experienced in Troubleshoot a Server Hung/unexpected rebooted issues
- Troubleshoot Network failures like NICs and HBA Card
- Apply Kernel/Firmware upgrades on Servers
- Configure/Manage Bonding on Linux servers
- Scheduling of automatic repetitive Jobs with Crontab.
- Create templates from VMs, Deploy VMs from templates, and allocate resources.
- Experienced on Virtual center and ESX servers with the latest vSphere 4.x/5. X versions.
- VMWare Client configuration and managed the VMs through vSphere Client.
- Organize Virtual Machine's using VMware virtual center and web access and web Client.
- Create and manage virtual machines and install VMWare Tools on VMs.
- Migration of Virtual Machines by using VMotion and Storage VMotion.

Environment: - Data Center Support Engineer, Disk Management, Process Management, User Management, DHCP, NFS, DNS, Networking, NTP, HTTP, Windows OS support, TCP/IP, YUM, RPM, Kickstart server, Apache server, VMware, vSphere Client.

PROJECTS

- **24/7 PRODUCTION SUPPORT AT VITAGE SYSTEMS PVT LTD: -**
Production Support on Servers, AWS, VMWare, DevOps operations, Dockers, Kubernetes, Networking, Data Center Operations, License Management, Storage, and Backups.
- **SYNOPSYS INDIA PVT LTD – DSA IP UPGRADE & SUPPORT: -**
Configure DSA IP and DELL servers Installations and DSA IP Upgradation, configure Networking, LSF Load sharing facility with cluster mode, Citrix Receiver Environment setup, NETAPP Storage configuration. working with the Application and Datacenter Team, and License server Installations and third-party tools installation in Datacenter.
- **CENTRAL GOVT DATA CENTER SUPPORT: -**
3 years of support on DATA Center Engineer for Servers Support, User management, Storage Backups, Storage allocation using NETAPP storage, Installations on different simulation tools like video, cadence, Mat lab, Altair, IC, etc ICW. License setups and user environment variables setup Network configuration and
- **5G TELECOM PROJECTS**
1-year Experience in telecommunication projects
Product deployment and design from low-level design and high-level designs
Clients' collaboration regards on project deliverables
Openstack deployment and Internal cluster management
Certificates generation and renewals
License management and project delivery in time.

EDUCATION

- **Bachelor's in Electrical and Electronics Engineering-** Acharya Nagarjuna University, Andhra Pradesh, Guntur, India Graduation- June 2013