## Pradeep Atta

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**JOB OBJECTIVE**

IT Professional with 14+ experience in System Administration, Cloud implementations and Automation. Possess Rich experience in various DevOps tools used for Source Control, Build Automation, Continuous Integration, Continuous Deployment, Provisioning, Configuration Management, Scripting, Reporting and Monitoring.

**ORGANIZATIONAL EXPERIENCE**

* April’17 - Till date: **Marvell India Private Limited**, Bangalore as a Senior Staff Professional.
* Feb’15 - April’17: **Brocade Communications Pvt Ltd**, Bangalore as a Senior System Administrator.
* Dec’07 - Jan’15: **Cognizant Technology Solutions Pvt Ltd**, Bangalore as a Technical Lead.

**TECHNICAL SKILLS**

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| --- | --- |
| **Operating Systems** | RHEL & CentOS 6/7, Ubuntu, Solaris 10/11, ESXi 5/6, ONTAP 8/9, Windows |
| **Hardware** | Server - Super Micro, HP ProLiant, Cisco UCS B200 M2/M3 & C240, Oracle X5, SunFire  Storage - Hitachi HUS130, FAS 2650/8020/9000, EMC VMAX  Others - Solaris Tape Library SL500, Brocade DCX 8510 |
| **Virtualization** | VMWare ESXi, Oracle OVM, KVM, Xen |
| **Cloud** | Amazon AWS, Microsoft Azure |
| **Cloud Security** | Cloud Prisma tool (Palo Alto Networks) |
| **Containers** | Docker |
| **Container Orchestrator** | Kubernetes (On-Premises & EKS) |
| **CI/CD** | Jenkins |
| **Version Control** | SVN, Git |
| **Artifactory Tools** | JFrog |
| **IaaC** | Terraform, Cloud Formation |
| **Databases** | MySQL, Influx DB |
| **Storage** | NetApp 7-Mode and ONTAP, Azure NetApp Files |
| **Backup** | Symantec NetBackup, CommVault |
| **Data Center Mgt.** | Raritan Power IQ, Avocent RPM, Rack Tables |
| **Linux VDI Tools** | Exceed OnDemand, Exceed Turbo X, VNC, Graphon Go-Global, No Machine |
| **Configuration Mgt.** | Puppet, Ansible |
| **Job Scheduler** | Univa Grid Engine, IBM LSF |
| **Scripting** | Shell, Power Shell |
| **Monitoring** | Nagios XI, Nagios Fusion, Xymon, Grafana |
| **Logging** | ELK stack, Prometheus |
| **OS Build** | Cobbler |
| **OS Patching** | Foreman with Katello Plugin, Spacewalk |
| **Cloud Tools** | AZCopy, AWS CLI, s3cmd |
| **Other Tools & Tech** | HAProxy, EDA Tools, EDA FLEXnet License Managers, Cisco UCSM 2.x, Sun LDAP, NIS, EMC RP4VM, Brocade BNA, RVTools, vROPS, VMWare Auto Deploy, HP iLO, Super Micro utilities, Jira |

**EDUCATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | **Institution** | **Year** | **Percentage** |
| BSc (IT) | Acharya Nagarjuna University | 2019 | 70% |
| Special Diploma in Electronics | S.B.T.E.T, Hyderabad | 2007 | 75.6% |
| Secondary School Certificate (SSC) | SSC Board, Hyderabad | 2004 | 84.6% |

**TRAININGS ATTENDED**

* **Docker and Kubernetes Administration** at ZekeLabs, Bangalore, 5 Days
* **DevOps Practitioner** at SimpliLearn, Bangalore, 36 Hours
* **Red hat Linux administration** at COSS India Training Centre, Hyderabad, 2 Months
* **NetApp Clustered Data ONTAP 9 Administration** at Fast Lane, Bangalore, 3 Days
* **CISCO UCS DCUCI** at Cognizant, Chennai, 5 Days
* **VMware vSphere with Operations Management** Fast Track [V5.1], Hyderabad, 5 Days

**CERTIFICATION**

* Certified Kubernetes Administrator (CKA) - Certificate No: LF-n094s1jzol
* Red Hat Certified Engineer (RHEL 6) - Certificate No: 130-034-002
* ITIL v3 Foundation Examination - Certificate No: GR750120615PA

**On-Site Experience**

* Been to Singapore twice to setup the DC and migrate the workloads from old DC to new DC
* Visited US for two months to setup the isolated DC as part divestiture activity

**Few Major Projects:**

* **AWS Cloud:** Have setup Transit Gateways, VPCs, Subnets, ALB, NLB, RDS, EC2, S3, FSx, Data Sync, EFS, Auto Scaling groups for different teams on different AWS accounts
* **Azure Cloud:** Played key role in setting up Cyclic Cloud, HPC Cache, Resource Groups, Virtual Machines, Availability Sets, Blobs, NetApp Files, Security Groups, Customized VM Images for our Engineering Infra
* **K8S Support:** Have setup Kubernetes cluster in on-premises on bare metal servers for internal teams and supporting them during IST hours
* **Ansible & Puppet Setup:** Have designed and developed both Ansible & Puppet code for entire engineering infra across multiple locations
* **Monitoring Setup:** Played critical role in design and implementation of Prometheus, Alert Manager and Grafana for Engineering and Business Applications infrastructure
* **CMDB Setup:** Explored multiple CMDB tools and integrated all our servers with ServiceNow CMDB tool
* **Singapore DC setup & Move:** Provisioned physical servers & storage, Built vCenter, Infra VMs, VDI VMs and finally migrated the DC to another location
* **US DC migration:** Played important role in migrating one of our major data center from one location to another in United States
* **VDI Cluster Setup:** Did POC on multiple VDI applications like Exceed OnDemand, Exceed Turbo X, Graph On Go-Global, VNC and NX and implemented the best solution in all the major locations
* **DC Setup in multiple locations:** Configured Cisco UCS severs using UCSM and built VMWare Infra on top of that on multiple locations for one of the major customers of Cognizant
* **Engineering and EAS support:** Playing critical role in supporting engineering and Business application during IST hours

**Work Experience**

**Company Name:** Marvell India Pvt Ltd

**Department Name:** IT – (Global Engineering Services)

**Designation:** Senior Staff Professional

**Environment:** AWS, Azure, k8s, Ansible, Puppet, Prometheus, Grafana, Linux, Solaris, VMware, Oracle OVM, NetApp, Nagios

**Period:** April 2017 – Present

* Leading the team of 5 members and supporting Cloud, Linux, Virtualization, Storage and Kubernetes Infra during IST hours
* Extensive hands-on experience on AWS services like Transit Gateways, VPC, ALB, NLB, EC2, RDS, EFS, FSx, S3, Route 53, EMR, Cloud Formation, IAM, Data Sync, Backup, Cloud Watch, ACM and RAM
* Setting up AWS Infrastructure from scratch using cloud formation and migrating applications from on-premises to AWS cloud
* Have strong experience in setting up 3-Tier application on AWS cloud using ALB, EFS and RDS services
* Managing multiple AWS accounts and sharing the AWS resources across multiple accounts
* Monitoring usage, cost, and implement optimizations of a variety of AWS resources.
* Automate Cloud deployments using Cloud Formation & Terraform.
* Scanning the AWS account using Cloud Prisma tool and fix the reports issues
* Have setup the network, servers, Netapp File system and Blobs on Azure cloud platform
* Have done the POC on Azure Cycle cloud to migrate the HPC workloads from on-premise to Azure cloud
* Setting up Jenkins server, slaves and work flows to automate the routine tasks
* Setup CI/CD environment (Jenkins Master & Slaves) and automate application deployments, design infrastructure based on application requirements, troubleshoot application performance issues.
* Design & Implementation of Monitoring solution (Prometheus, Alert Manager and Grafana) for entire organization for replacing Nagios
* Design & Implementation of Ansible and Puppet for whole organization
* Have setup Docker Registry, VMWare Octant and Grafana for Kubernetes Infrastructure
* Procuring the hardware, racking & cabling the servers and provision them using vendor specific CLI tools
* Installing and Maintaining HPC clusters in multiple data centres
* Building the Cobbler PXE & DHCP servers and setup the HPC cluster for Engineering teams
* Migrate the Linux servers from VMWare to OVM platform
* Upgrade the Linux servers from RHEL 6 to 7 using Shell Scripting
* Provisioning storage on both 7-Mode and C-DOT filers using NetApp WFA
* Setting up backup policies for Linux servers on NetBackup and CommVault products
* Providing support for remote access applications like Exceed On Demand and Go Global tools
* POC setup of Foreman for testing VM provisioning and Puppet Management
* Providing day-to-day support and operations for Storage, Linux, VMWare and Backup Infra during IST hours

**Company Name:** Brocade Communications Pvt. Ltd.

**Department Name:** IT – (Global IT Support)

**Designation:** IT – Senior Linux Administrator P2

**Environment:** RHEL, Centos, Solaris, Puppet, VMware, Netapp, Hitachi HUS, EMC VMAX, Xymon

**Period:** February 2015 - April 2017

* Requirements gathering form various project teams and planning the infrastructure requirements and setup
* Deployment of the Hardware in Datacentre and planning the network requirements like VLAN, ether channel, load balancing and firewall port openings
* Configuring NFS, CIFS shares, Quotas on NetApp Filers and managing the permissions to subnets and users
* Deployment of VMware ESXi on the physical hosts and configuring the ESXi clusters with DRS, sDRS and HA properties
* Configuration of kick-start server and updating the OS images for REHL 5.x and 6.x installation on the clients
* Adding Linux clients to puppet and configuring modules as per the requirements
* Sound knowledge of configuring and troubleshooting servers like Apache, DNS, DHCP and File Servers in Linux environment.
* Knowledge on Permissions on Files and Directories.
* File system management on volume manager(LVM)
* Monitoring the entire Infra through Xymon monitoring tool
* Configuration of YUM repository server and patching the clients at regular intervals for latest bug fixes and vulnerabilities
* Writing Shell and Power Shell scripts to automate the routine tasks

**Company Name:** Cognizant Technology Pvt. Ltd

**Department Name:** IT Infrastructure Services

**Designation:** Technical Lead

**Environment:** RHEL, Centos, VMware, Cisco UCS, Xymon

**Period:** December 2007 - January 2015

* Configuring and Managing Cisco UCS environment using UCS manager and HP servers using HP ILO interfaces
* Experienced in creating Pools, policies, Service profiles and Policies in UCS
* Configuring Cacti server to monitor the health of Cisco UCSM
* Configuring automatic system inventory and daily backups for Cisco UCS Infra
* Deploying the ESXi servers on Cisco UCS chassis using VMWare Auto Deploy concept
* Deft in designing, implementing and administering VMware ESXi servers and VMware vCenter, Configuring HA/DRS, Alarms, Host Profiles, vMotion, Permissions, Clusters, Disk expansion, Templates, Cloning VM’s and troubleshooting ESX/ESXi issues
* Creating and configuring vNetwork Standard Switch (vSwitch) and dvSwitch
* Commission, decommission and rebuild of virtual machines
* Installation, configuration and troubleshooting of Red Hat Enterprise Linux
* LVM Partition Management – Creating, Formatting, Altering, Removing PVs, VGs and LVs
* Server Management – Configuring DNS, Apache, mail servers
* Administering Networking – Configuring and Troubleshooting Networking issues

**PERSONAL DETAILS**

Date of Birth : 27thApril, 1989

Languages Known : English, Telugu and Hindi

Marital Status : Married

Nationality : India

Passport No : L3137226

Visas : US B1 (Valid till 2029)

Hobbies : Playing Cricket, TT and Badminton

**Declaration**

I hereby declare that all the information above is true to the best of my knowledge.

Pradeep Atta