

**Profile Summary**

- Having more than 15+ years technical IT experience in System Administration managing different versions of Windows Server/Client and Unix OS, Software Configuration, Deployment, Delivery, Release, DevOps & Environment management (Linux and Windows).
- Successfully migrated On-Premise Data Center Solutions to Azure and AWS. Worked on different phases of cloud migration like discovery, assessment, design, migration and testing.
- Designing Cloud Solutions for Existing Data center Migrations as well as fresh requirements.
- Proven experience in Windows/Linux Server administration and shell scripting.
- Having working experience on AWS services like EC2, IAM, S3, Glacier, CloudFront, Route53, VPC, Lambda, Cloud Formation, Auto Scaling etc.
- Having deep understanding of compute, storage, DB and network components (VDC/VNet) components.
- Defined and Designed backup Solutions for AWS and Azure along with monitoring existing Cloud Infrastructure with Cloud based tools.
- Designed and implemented DR environment for big Data Center Projects and large scale applications from Vodafone, SNM etc.
- AWS certified Developer gave me a good domain expertise about cloud application development solutions (e.g. IaaS, Serverless, Lambda, API Management, Logic Apps, Functions etc.), container orchestration (e.g. Kubernetes, Docker), continuous integration technologies (e.g. Jenkins, Azure for DevOps).
- Had a deep domain expertise on managing web application server applications in multi-tier, cloud application design, software architecture and practices (design/ development/ deployment, Agile, SCRUM).
- Strong leadership, project management, influencing, negotiation and decision-making skills, coupled with sound judgment. Ability to manage projects within functional teams and across the organization.
- Strong quantitative and analytical aptitude. Able to present, organize, and convey complex issues within and across other functions

**Key Skills**

- SPOC for all Client resources assigned to this project
- First point of escalation for customer
- Implementation of Azure IaaS (IPSEC Tunneling, Subnet configuration) in Production.
- Good Knowledge on Azure AD cloud where we implemented Azure AD connect implementation to sync data from AD to Cloud and vice-versa and configuring Inbound and Outbound rules to meet application requirements.
- Good Knowledge in application integration with Active directory using LDAP/LDAPs, Kerberos integration.
- Was part of Solution designing for AD infrastructure, Azure (IaaS, PaaS and SaaS), WAP (Web Application Proxy), WAF (Web Application Firewall), Azure application Proxy and ADFS.
- Responsible for creating and reviewing LLD and HLD for new Solutions implementation in Azure and AWS Cloud Infrastructure.
- Worked on planning and implementation of new servers across globe in Datacenters.
- Experience in Installing, upgrading and configuring Red Hat Linux 3.x, 4.x, 5.x & 6 using Kick start Servers and Interactive Installation.
- Having work experience on Performance monitoring, Kernel upgrade, RPM Package management and YUM configuration, swap management, Services, User management, File System Administration.
- Patch management and firmware up gradation and decommission.
- Installation & configuring different servers VSFTP, IIS, DHCP, bind, NFS, Samba, FTP, HTTP and HTTPS with APACHE Authentication.
- Knowledge on Booting Process of Linux.
- Good Exposure on User & Group administration.
- Experience on File systems like Creating, Modifying File systems, identifying the utilization of File systems.
- Changing File& Directories Permissions and ownerships as per request.
- Creating hard link and soft link for File & Directories as per request.
- Experienced in Configuration and Administration of NFS, NIS on RHE Linux Server Environment.
- Implemented File sharing on the network by configured NFS system to share essential resources by Mount Options.
- Expertise Knowledge on different RAID levels Implementations for volumes LVM.
- Expertise in managing the jobs with Linux Schedulers (CRON, ANACRON and AT)
- Daily Monitoring System Performance logs.
- Reviewing system and application logs, and verifying completion of scheduled jobs.
- Administration on Network Bonding in RHEL.
- Experienced in troubleshooting and resolving network issues related to the servers.
- Root password recovery.
- Good Experience on ITIL Process
- Configuring Storages SAN, ISCSI, NAS, RAID.
- Expertise setup of CI/CD in Distributed environment by defining Build plans, pipelines and workflow to achieve seamless execution of Delivery process
- Coordination with Configuration Management to ensure that all applicable environment issues are resolved in

advance of production implementation.

- Configure the setup of every release biweekly and monthly on the regular basis for product teams to perform integration testing.
- Worked in an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment.
- Knowledge of Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
- Expertise in various branching methodologies, merging and tagging to facilitate defect/change management in conjunction within projects across the organization.
- Experienced with AWS in creation, installation and maintenance of middleware onto new and existing AWS instances for non-prod environments.
- Experienced with AWS cloud watch.
- Created Jenkins workflow to automate the environment readiness process across different environments.
- Experience in using Tomcat and Apache web servers for deployments and for hosting tools.

### Technical Certifications

- Microsoft Certified : Azure Solutions Architect Expert
  - AZ-301 Microsoft Azure Architect Design
  - AZ-300 Microsoft Azure Architect Technologies
- Microsoft Certified : DevOps Engineer Expert
  - AZ-400: Designing and Implementing Microsoft DevOps Solutions
  - AZ-203: Microsoft Certified: Azure Developer Associate
- AWS Certified Developer - Associate
- AWS Certified Solution Architect – Associate
- AWS Certified SysOps - Associate
- AWS Certified Cloud Practitioner
- AWS Certified DevOps - Professional
- AWS Certified Solution Architect – Professional
- MCSE (Microsoft Certified System Engineer)
- CCNA (Cisco Certified Network Associate)

### Work Summary

**Company** : SNM

**Designation** : Head of Operations, IT

**Duration** : March 2018 to Dec 2019

**Environment** : Linux, Shell Scripting AWS, GIT, Maven, Jenkins, Docker/Kubernetes/Swarm, Jira

### Roles and responsibilities:

- Provisioning, Configuring and support for Linux servers as per the requirement.
- Post installation and configuring servers through manually or using automation tools like Puppet.
- Monitoring the application, dataflow, resolving the tickets based on SLA.
- Server scan on security portal to clear vulnerability and compliance the servers.
- Scheduling downtimes of the Linux servers for patching Activity.
- Installed and Setup Web Servers (Apache and Tomcat), DB Server (MySQL).
- Managing DNS records and add entry of hosts in DNS server.
- Monitoring server/cluster health check and report send to owner team.
- Tuning Kernel parameters as per need.
- OS Hardening of Linux servers.
- Troubleshooting of system booting level error. (Maintenance Mode or kernel Panic).
- Troubleshooting of system like network & bonding, mount point issue, NFS issue, user access issue etc.
- Create snapshot and revert snapshot of VMs.
- Cronjob set schedule job.
- VPC creation with private & public subnet.
- Handling VPC Route Tables.
- Handling subnet association of route tables to allow Internet.
- Communication between two VPC using VPC Peering.
- Connectivity between instance and S3 bucket through private network using VPC Endpoint.
- Setup/Managing Services on AWS (EC2, EBS, ELB, Autoscaling Security Groups, RDS and IAM).
- Create alerts to track all IAM Users Activity.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources.
- Mounting S3 bucket on Ec2 instance and taking backup to S3 bucket.
- Creating Cloudwatch matrix alert to track error for application (Apache) in AWS.

- Manage and Setup Git (Version Control System).
- On Call Coverage, resolving the issues based on priority.
- Documenting the new issues for future reference.
- Give the status reports of the tickets to the Reporting Manager.
- Providing Release, Deployment, Maintenance Support.
- Interacting with onshore and offshore team meetings, if there are any application related issues.
- Scheduling the jobs using crontab command in Linux.
- Upgrading Jenkins & deploy EAR on the existing applications. Configuring LDAP authentication with the existing software structure (Jenkins).
- Deployment of the Business processes by creating JAR, WAR and EAR, TAR files to JBoss Application Server
- Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration.
- Establishing standards for build artifact management and build configuration. Documentation of change management and best practices.
- Coordination of code merges and deployments with DEV and QA teams. Collaboration with Development, QA and other teams to ensure a smooth transition of deliverables through proper release channels.
- Collaborated with Continuous Delivery Framework Team in developing plan to implement Continuous Integration (CI) and Continuous Delivery (CD) for all components and services, and to migrate remaining Subversion projects to Git on Enterprise GitHub repository.

**Company** : Vodafone Shared Services India Pvt. Ltd.

**Designation** : Delivery Manager Duration : Dec'13 – March'18

**Environment**: Linux, Maven, Git/GitHub, Sonar, Nexus, Artifactory Shell Scripting, Jenkins, Apache, JBOSS, AWS, Docker

#### Roles and responsibilities:

- Installing applications on Linux flavours.
- Giving permission to user through ACL.
- RPM package management, installing, upgrading and removing.
- Disk administration Creation of logical volumes.
- Administering and monitoring System Performance, disk space and memory.
- User administration and management like add/change/delete.
- Generating the reports and uploading in the centralized location.
- Scheduling Daily, Weekly and Monthly Full Backups.
- Monitoring the health checkup of servers by running scripts in daily basis.
- Identify disk failure, NIC card failure and informed to the hardware team to replace them.
- Start and stopping services/ monitoring services.
- Maintenance and scheduling backup jobs using cron-tab.
- Handling daily and Continuous builds and maintain/Keeping track of build and deployment process. Automate continuous integration build pipeline for different projects under Geo-Informatics platform.
- Administrator for Jenkins. Prepare and own the builds and troubleshoot build failure.
- Own Linux hosts for build and release Management.
- Perform any migration activities across Jenkins master cluster.
- Creating instances in AWS and automated deployment through Jenkins to host into Docker Container for CAS Server (Central Authentication Service) into Develop and production Environment.
- Worked on improving rsync-implementing the concept of parallelism file transfer mechanism for efficient differential backup across geographical sites.
- Written multiple manifests in Chef. Rolled out Chef to all servers, and used the Chef node database to drive host configuration, DNS Zones, Monitoring.
- Maintain 550 Load Balanced and Highly Available Solaris/Unix Servers and 8 Repositories and check Performance to reduce the time taken in each activity.
- Expertise with UNIX and Windows environments including shell and Ruby Scripts, SVN, GIT DevOps.
- Developing build and deploy tools to make smooth pipeline transition from Dev to Production.
- Configuration, deployment and management of platform suite installations and applications built on J2EE technologies.
- Deployment of the Business process by creating JAR, WAR and EAR files to JBOSS Application server used and administered Continuous Integration tools Jenkins and Build Forge.
- Experience installing, Configuring and upgrading JBoss application Server.
- Participated in deployment and Release calls and reporting and verifying the issues in JIRA assigned in the sprint.

**Organization** : NIIT Technologies Pvt. Ltd.

**Designation** : Project Leader, Infrastructure

**Duration** : Dec 2009 – Dec 2013

**Environment**: ANT, Maven, Subversion, GIT, Linux, Nexus, Shell scripting, Jenkins, Apache, JBOSS

**Roles and responsibilities:**

- Maintain track of different releases that are being carried over in different environments.
- Automate the build Process Using Jenkins jobs.
- Writing a Linux Shell Script and schedule in the respective run levels for automate day-to-day activities
- Performing deployments to multiple environments like Dev, QA, UAT and PRODUCTION.
- Performed the migration from ANT to MAVEN.
- Involved in Jenkins and Tomcat Administrator.
- Creating the Jenkins nodes/jobs configuration.
- Developed an Automated Build & Deployment Process across large Java projects using ANT/Maven.
- Co-work with the globally distributed Development team to fix the build related issues

**Organization** : FISERV India Pvt. Ltd. Designation : Project Leader, Infrastructure

**Duration** : July 2008 – Dec 2009

**Environment** : ANT, Maven, Subversion, GIT, Linux , Nexus, Shell scripting, Jenkins, Apache, JBOSS

**Roles and responsibilities:**

- Maintain track of different releases that are being carried over in different environments.
- Automate the build Process Using Jenkins jobs.
- Writing a Linux Shell Script and schedule in the respective run levels for automate day-to-day activities
- Performing deployments to multiple environments like Dev, QA, UAT and PRODUCTION.
- Performed the migration from ANT to MAVEN.
- Involved in Jenkins and Tomcat Administrator.
- Creating the Jenkins nodes/jobs configuration.
- Developed an Automated Build & Deployment Process across large Java projects using ANT/Maven.
- Co-work with the globally distributed Development team to fix the build related issues

**Organization** : Fujitsu Consulting India Pvt. Ltd.

**Designation** : Network Admin

**Duration** : Aug 2005 – July 2008

**Environment** : Windows server 2003/2008, HP Proliant Servers

**Roles and responsibilities:**

- Responsible for all the IT infrastructure Services throughout the organization.
- Maintaining the Server environments availability 24/7
- Installation, configuration and administration of Windows server OS 2003, 2008 and clients xp, vista, win7.
- Handling queries and troubleshooting support requests from various internal business units pertaining to server issues.
- Served as point of contact for the technical support for our organization; monitored and troubleshoot all corporate office end user support issues.
- Responsible for administration and managing the company's LAN network in 5 locations and the information technology infrastructure and including all network communications, HP Proliant servers, LenovoThinkCenter workstations, Firewall ,router, switch and various software's including Microsoft ,Symantec etc.
- Assumed responsibility for backing up and restore critical corporate data using Symantec Exec. 12.0
- Rack Mounting new servers and monitoring them. Configuration of Hardware and Software. Disk replacement and File system recovery
- Strong understanding of Windows system administration, installation, security, user management, networking, disk configuration
- Blackberry mobile administration and support for hand held users.
- HR S/w Folklore payroll & HRIS configuration & support
- Managing tickets raised by end users
- Vulnerability Assessment-Scan Remediation to secure the servers by applying right configurations and application patches.
- Configuring and maintaining Group policies
- Managing Active directory integrated DNS servers.
- Active Directory, DNS, DHCP, Group Policies and other infrastructure services
- Knowledge of Networking
- Email - Anti-Spam SMTP Proxy (ASSP), MS Outlook, Outlook Express