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| Shreyas@ikonsys.net  **469 567 9262**  SASI  **Extensive experience in executing full life-cycle development projects**; ramping-up projects within time, budget & quality parameters, as per project management & best practice guidelines, targeting assignments in **Cloud Management** and **System Administration** in **IT** Industry with an organization of high repute.  Location Preference: **Anywhere**  knowledge24x24icons Profile Summary |
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| * Around9Years of IT related experience in planning, designing, implementing and maintaining system applications for **Backup & Storage Configuration**, **AWS and Azure Cloud.** * Capabilities in managing portfolio of clients and delivered **exceptional** **client service throughout complex**, mission-critical technology solutions with skills in troubleshooting on **Backup and Devices issues.** * Extensive experience in monitoring network performance including **maintenance, upgrades, and back-up/recovery liabilities including software** (operating systems, applications, and data) and hardware. * Managed **Multiple Backup Servers** and **Media Servers** * Experience of perform **ESXi Upgrades in VMWare** and **OS disk migrations in Windows.** * Built and configured multiple virtual data centers in **AWS/Azure** cloud to support enterprise data warehouse hosting including **Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, Load Balancers**. * Experienced in migration and implementation of multiple applications from on premise to cloud using **AWS** services like **SMS, DBMS, EC2, S3, VPC, RDS, SQS, SNS, Lambda, Cloud Formation, Route53, Cloud Watch.** * Extensively involved in developing infrastructure as a code and automate the deployment of **AWS** services like **EC2, RDS** and **ELB** using Terraform. * Independent contributor and communicator with business partner to resolve issues and negotiate project related items such as priorities and completion deadlines. * Installed, tested and deployed monitoring solutions with Splunk services. * Provided 24/7 technical support to Production and development environments. * **Possess excellent interpersonal, communication** and organizational skills with proven capabilities in **team** **management, customer relationship management and planning.**   Certifications   * **Rubrik Certified Engineer** * **Commvault Professional V11** * **Veritas NetBackup** * **AWS Associate Solution Architect** * **AWS Certified DevOps Engineer – Professional** * **Azure Devops** * **ITIL V4** |
| core24x24icons Core Competencies |
| |  |  |  | | --- | --- | --- | | **Terraform** | **Cohesity** | **Rubrik** | |  |  |  | | **Veeam** | **AWS** | **NetBackup** | |  |  |  | | **Backup Exec** | **Azure** | **VMWare** | | **NetApp** | **Ansible** | **Commvault** | |
| Work Experience  **Software Developer (Technical Infra Lead)** at **Ikonsys., Texas, USA Feb’24-Till Date**  **Lead Administrator at Wipro Ltd., Hyderabad Nov’22 – Jan’24**  **Infrastructure Support Engineer at CDK Global India Pvt Ltd., Hyderabad Mar’22 – Nov’22**  **Cloud Engineer at NTT Managed Services India Pvt Ltd., Hyderabad Jun’19 – Nov’21**  **Engineer at AstraZeneca India Pvt Ltd., Chennai Dec’15 – May’19**  **Engineer – Backup Administrator, ThinkApps solutions Pvt Ltd Jun’14 – Sep’15**  Technical Skills  **Backup Solutions:** **VERITAS NetBackup**, **Rubrik, Cohesity, Commvault, Veeam and Networker**  **Cloud Platforms: AWS & Azure**  **Additional Skills:** **VMWare, Data Domain and NetApp**  **Database:** Oracle RMAN, MS-SQL  **Ticketing Tool:**  HPSM, PagerDuty and SNOW  **Remote Login Tools:** MS remote Desktop, Putty  **Operating Systems:** Microsoft Windows, UNIX    edu24x24icons Education   * Bachelor of Engineering (B.E./B. Tech) from Annamacharya Institute of Technology and Sciences, Tirupati afflicted to JNT University, Anantapur in 2011   Personal Details  **Date of Birth:**  01-Apr-1990  **Languages Known:** English, Telugu  **Address:**  1000, Sundrop Dr, Little Elm, Texas - 75068  (Refer to Annexure for Projects)  **Annexure (Projects Undertaken)**  **Ikonsys**  **Projects: WK Kellogg’s (Wipro)**  **Responsibilities:**   * Design and implement the backup solution for the customer environment * Create architectural designs for the customer environment and provide best solution * Collaborated with cross functional teams to define and document the requirements and prepare solution * Maintain project plans and timelines for the Upgrade/Migration/Newly created infrastructures * Provide technical guidance and support to other teams to increase the productivity and reduction in technical issues * Work with Sales and Professional services team to implement and use new backup product for the customer data * Perform POC’s while working on new backup solution for the customer environment * Work with Agile continuous integration environment and automated the whole process * Worked in planning, designing and implementing the backup & storage solution for the customer environments * Collaborate with Vendor teams to ensure backup solutions are aligned with business requirements * Integrating the backup environment with cloud platforms for the archival storage * Use AWS marketplace AMI’s to deploy **AWS EC2 instances** for the SQL, Oracle and SAP databases * Experience in managing AWS components such as EC2, S3, EBS and autoscaling. * Handling the migration projects from other backup tools to **Rubrik** * Installed, Configured and Maintained backup software and hardware for enterprise level environment * Analyse and troubleshoot backup issues to determine root cause and resolution * Integrated **Kubernetes** and **Nutanix** Clusters with Rubrik Backup solution * Managing multiple backup tools in BAU like **NetBackup, Rubrik, Cohesity, Commvault and Veeam** * Worked on **NetBackup OpsCenter and Rubrik Security Cloud** to manage the environment and prepare the reports. * Providing **Backup solution** for the non-existing setup in the environment and prepare documentation * Create SOPs to document backup processes, policies and procedures * Preparing weekly deck for **highlights and lowlights** * Work on capacity issues and add new disks to the existing backup cluster. * Monitor backup systems and processes to ensure maximum uptime and data protection * Work on **Disaster recovery** in **NetBackup** environment. * Monitor **Network throttling** in backup hours and make sure we have enough bandwidth. * Worked with AWS identity access management (**IAM**) to create roles, users, groups and attached user policies to groups to provide secure logins * Worked with **Terraform** Templates to automate the Azure IaaS **virtual machines** using terraform modules and deployed virtual machine scale sets in production environment. * Worked with **Terraform** for routine AWS tasks such as encrypting **EBS** volumes and backing **AMIs**. * Experience in managing **Linux** operating system and perform day-to-day operations on Linux * Creating and managing user accounts & permissions in Linux * Managing disks and filesystems using LVM * Knowledge in building and deployment of CI/CD pipelines * Package management using RPM and YUM. * Initiating alarms in Cloud Watch service for monitoring the server’s performance, CPU utilization and disk usage. * Experience in creating VPC’s and Subnets and configure routing for the subnets. * Strong knowledge of TCP/IP networking, SMTP, HTTP, load-balancers, highly available network servers * Strong knowledge of Linux and a good understanding of networks (TCP/IP fundamentals, firewalls, routing). * Experience with Linux systems, virtualization in a large-scale environment, experience with Linux Containers. * Working on tools like ServiceNow and Splunk to configure alerts for the infra environment. * Keep utilize the opportunity to learn new concepts.   **Wipro Ltd**  **Projects: Multiple**  **Responsibilities:**   * Managing multiple backup tools in BAU like **NetBackup, Backup Exec, Rubrik, Cohesity, Commvault and Veeam** * Handling the migration projects from other backup tools to **Rubrik** * Worked on **NetBackup OpsCenter and Rubrik Polaris** GPS to prepare the reports. * Work on capacity issues and add new disks to the existing backup cluster. * Work on **Disaster recovery** in **NetBackup** environment. * Monitor **Network throttling** in backup hours and make sure we have enough bandwidth. * Worked with **Terraform** Templates to automate the Azure IaaS **virtual machines** using terraform modules and deployed virtual machine scale sets in production environment. * Experience in managing AWS components such as EC2, S3, EBS and autoscaling. * Experience in managing **Linux** operating system and perform day-to-day operations on Linux * Creating and managing user accounts & permissions in Linux * Managing disks and filesystems using LVM * Knowledge in building and deployment of CI/CD pipelines * Package management using RPM and YUM. * Create SOP documents for all type of backup and recovery configurations * Attend daily connect meetings and weekly infra connect to provide the updates * Manage team members and conduct training sessions to the L1/L2 engineers * Prepare weekly and monthly reports for the customer environment * Work with vendor support for any technical issues and hardware related issues * Prepare HLD/LLD diagrams for the backup environment.   **CDK Global India Pvt Ltd**  **Projects: Multiple**  **Responsibilities:**   * Involved in meetings with users for requirements and suggesting work around for possible scenarios and worked as an onsite coordinator. * Manage multiple tools like **Rubrik**, **Cohesity**, **NetBackup and AWS** * Managing **Rubrik** and **Rubrik** Polaris GPS * Worked on **Cohesity** with **vSphere VM, Cloud VM, Agent based and Database** backups. * Worked on **Cohesity Helios** and API * Recently we are upgraded to **NetBackup version** **9.0 &** upgraded **Rubrik version into 6.0 from 5.3.3** * Worked on **NetBackup appliances 5230 & 5330.** * Creation or Decommission of Device/LUN/Volumes in **Netapp** Storage * Worked on **Netapp** migrations. * Worked on **Netapp** cluster user mapping. * Configure and troubleshooting on **Netapp (Snap mirror/Snap vault**) * Preparing Daily/Weekly storage health checks * Having very good knowledge with EC2s like launching windows and Linux machines and all five types of Elastic Block store (EBS) volumes and their differences. * Launched all three kinds of load balancers and attached to webservers to distribute traffic as well as to check the health of EC2 instances to make sure that they are always up and running. * Created AMIs and Volumes and played with them like attaching, detaching, creating own AMIs for replication of same environment in same/different Availability Zones as well as same/different regions. * Well understanding of both system status checks and instance status checks and how to trouble shoot if system or instance fails. * Migrated and stored all kinds of object storage of my organization in to S3 bucket to provide durability and security * Good knowledge in dealing with Access Control Lists (ACLs) and Bucket policies to restrict unauthorized access in to our own buckets * Good understanding in purchasing domain names form AWS as well as deep knowledge in DNS service. * Created alias record sets to provide alias names for load balancers DNS name. * Administration of VMware ESX Infrastructure, vSphere Client 6.5 * Creation of Linux Virtual Machines on VMware Virtual Centre. * Worked on **Amazon Web Services** (EC2, VPC, S3, Cloud Watch)   **NTT Managed Services India Pvt Ltd**  **Projects: Multiple**  **Responsibilities:**   * Handling the transition projects and attended necessary trainings on **NetBackup**, **Avamar**, **Commvault**, **Cohesity** & **Rubrik** * **Implement POC on Rubrik and Cohesity** * Handling multiple backup tools like **NetBackup**, **Cohesity**, **Rubrik** and **Veeam**. * Implementation of New **NetBackup** servers and **Rubrik** clustersss * Keeps adding **NetBackup** media servers and **Rubrik** **briks** as per space requirement. * Configure and tuning on **Rubrik SLA’s** as per requirement like replication, non-replication and LTR. * Coordinate with vendors for hardware failures like **NetBackup physical devices** and **Rubrik Brik/disk failures** and do replacements if any issues. * Coordinate with CSM & Customer to plan the Migrations as per requirement like from **NetBackup to Rubrik & Commvault to Rubrik.** Also, we have migrated clients from **NetBackup or Commvault to Cohesity** * Keen monitoring on storage space on **Rubrik** clusters and **NetBackup** media servers and proactive work around to fix the space issues. * Continuous monitoring on **Live mounts in Rubrik** and make sure to clear them if restore work is done. Especially when we perform Upgradation on Rubrik cluster. * Designed & implemented build automation and configuration management with Ansible. * Provided configuration management expertise to all software development projects. * Release Engineer for a team that involved different development teams and multiple simultaneous software releases. * Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming Designing and implementing for fully automated server build management, monitoring and deployment by using Ansible. * Worked with the development team to generate deployment profiles (jar, war, ear) using Ant Scripts and Jenkins. * Worked in Agile continuous integration environment and automated the whole process. * Worked with development team to migrate Ant scripts to Maven. * Designed and implemented scalable, secure cloud architecture based on Amazon Web Services * Set up the scripts for creation of new snapshots and deletion of old snapshots in Amazon S3 * Worked on setting up the life cycle policies to back the data from AWS S3 to AWS Glacier Worked with various AWS EC2 and S3 CLI tools * Implemented Configuration Management, Change Management policies and procedures. * Maintained configuration files for each application for builds and installed on different environments. * Implemented CICD process for applications by integrating nightly builds with deploys and automated smoke tests and regression tests. * Developed Python and shell scripts for automation of the build and release process. * Worked on Nexus to upload/download the build artifacts. * Worked on installation of Docker using Docker toolbox. * Worked on creation of custom Docker container images, tagging and pushing the images. * Worked on creating the Docker containers and Docker consoles for managing the application life cycle.   **AstraZeneca**  **Projects: AstraZeneca & Medimmune**  **Responsibilities:**   * Restoring File System, DB Restores for Windows, and UNIX Servers in NetBackup environment. * Coordinating with on-call support personnel if human intervention is required for problem-solving. * Scheduling with customers for any backup server activities, which involve major changes on software. * Attending backup daily service reviews & reporting all the issues, failures & the action taken on these failures * Creating process/technical documentation and adhering to the process & compliance procedures set up by the company. * Closing the tasks assigned to backup team like performing final full backup, addition, and deletion of new clients into backup rotation. * Working on various reports in snow for the ticket information * Attending the weekly pool review for analysing the flow of the pool and providing valuable inputs for resolving the issues * Monitoring Commvault daily backups in Simpana CommCell Console and restoring data on request from the customer * Installing & configuring backup software for iData Agent, SQL and Oracle Agents, scheduling the clients for backups * Good experience provisioning, operating, and managing AWS environments. Integrated Maven with Subversion to manage and deploy project related tags. Created analytical matrices reports, dash boards for release services based on JIRA tickets. * Involved in JIRA as defect tracking system and configure various workflows, customizations and plug-ins for Jira bug/issue tracker. Integration of Jenkins with Jira, Git hub. * Developed and maintained Shell scripts for build and release tasks. * Good experience provisioning, operating, and managing AWS environments. * Designed, Installed and Implemented Ansible configuration management system. * Automated deployment of builds to different environments using Jenkins.   **thinkApps Solutions Pvt Ltd**  **Projects: Telenor at Wipro**  **Responsibilities:**   * Performed failure troubleshooting and remediation, coordinated for patch and upgrades, configured the storage units, storage unit groups. * Provided daily status reports and cleaned the tape drives at regular intervals and managed weekly tape rotation for golden application backups. * Executed freeze and unfreezing of the media based on the requirement. * Supervised Catalog backups and importing images, initiated restore jobs upon request. * Managed daily, weekly, and monthly media requirements, catalogs, images and media. * Reviewed system for down drives and scratch tapes. * Addressed multiple down drives if available on one system. * Liaised with the media teams to get tapes loaded in case of insufficient scratch tapes to complete backups for the night. * Monitored backup, drive status effectively and performed health check reports. * Configured storage units and volume pools, designed policies, and performed Catalog consistency check. * Worked on Multi-Streaming, Multiplexing, Media, and Device Management * Assisted the client to install, configure and troubleshoot backup job definitions. * Configured NetBackup clients and managed VERITAS NetBackup systems and provided 24/7 support and attended daily backup reviews. * Performed basic troubleshooting on tickets and inform to L3’s in case of any major issues. * Configured different storage devices to help clients to backup their data in the most efficient way that will help them to restore the Mission Critical Data as and when required. |