**RAKESHREDDY**

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# SUMMARY:

Over 8+ years of experience in the administration and development of Sybase based systems. Involvedinprovidingsoftwaresolutionstovariousclients.

* ExpertiseinSybase ASE 16.0/15.7/15.5/15.0/12.5.1/12.0,Replication Server15.7/15.6/15.1/12.6/12.1/11.5.1, Sybase IQ 16.0/15.4/15.1
* Extensivelyworkedoninitializingdatabasedevices,creatingdatabases,tables,indexes,views,triggers,usingandwritingstoredprocedures,partitioningtables.
* Experiencedin Upgrading/MigratingSybaseDatabaseServerfrom ASE15.0to SybaseASE15.5/15.7/16.0
* StrongserversideadministrationskillswithLinux,SunSolaris,AIXandWinNT.Administeredverylargedatabases of sizesrangingfrom1TBto5TB.
* Experienceincreatingserverlogins,databaseusers,usergroups,grantingandrevokingpermissionsforuseraccounts,assigningroles tousers.
* Monitoringmemory,CPUutilization,diskutilization,locks,deadlocksandruntime ofqueries.
* CreatedscriptsforMonitoringandMaintenancetasks,automatedDatabaseandtransactiondumps
* ExperienceinwritingUNIXshellscriptstomaintainthedatabaseenvironment.ScheduledUNIXcronjobstomonitordatabasehealth.
* Good knowledge of T-SQL, including transactions, locks, BCP, parallelism, dynamic SQL; Experience with large data sets (more than 100Million rows)
* Experience with Database Hardware troubleshooting (Memory, CPU, Read / Writes, IO’s etc.) Scripting / batch programming in PERL/UNIX Shell, VBScript, PowerShell.
* Hands on Experience in creating on-demand and scheduled **reports** for management decision using Excel, **SSRS**
* Good knowledge of T-SQL, including transactions, locks, BCP, parallelism, dynamic SQL; Experience with large data sets (more than 100Million rows)
* Experience with Database Hardware troubleshooting (Memory, CPU, Read / Writes, IO’s etc.) Scripting / batch programming in PERL/UNIX Shell, VBScript, PowerShell.
* Hands on Experience in creating on-demand and scheduled **reports** for management decision using Excel, **SSRS**
* Day to Day operations include all aspects of maintenance and monitoring the dataservers, and replication servers.
* Nightly support for development efforts initiated by 4 direct managers, in coordination with various vendors in production, end to end, and sit ongoing on a nightly round the clock schedule.
* Proficient to maintain methods and procedures / handbooks to monitor the systems , database applications and database/replication administration on 24 x 7 basis to limit outages, and maintain software through documented procedures.
* Strong experience in design and implementation of platform **architectures** to support business requirements
* Strong RDBMS concepts and experience in creating, maintaining and tuning T-SQL scripts, Complex Stored Procedures, Triggers, Views, Constraints, Functions (UDF’s) in T-SQL, PL/SQL (Oracle)

# TOOLS/SKILLS:

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| **RDBMS** | Sybase ASE16.0/15.7/15.5/15.0/12.5x/12.x,ReplicationServer15.7/15.6/15.1/12.6/12.1/11.5.1,Sybase IQ 16.0/15.4/15.1, MSSQLServer2000/2005/2008/2012/2014,Oracle11g |
| **Languages** | UNIX-ShellScripting,PerlScripting, C, C++,Powerbuilder5.0/6.5/7,T-SQL |
| **OperatingSystems** | RedHatLinux3.x,4.x,5.1,SunSolaris,UNIX,AIX,HP-UX,MS DOS,Windows98/NT/2000/XP,andWindows server2003/2008/2012 |
| **TOOLS** | IderaDBArtisan,CA Autosys,Erwin,ERStudio,SybaseCentral,PowerDesigner,SQLBacktrack,Tivoli,VeritasVolume Manager,Bradmark Monitoring,IgniteMonitoring. |

# Molina Healthcare,CA October 2016–Present

**SybaseDBA**

**Responsibilities:**

* BuildingnewReplicationServer,managingreplicationtables,managingsubscription,managingroutes,managingdatabaseconnection
* Verifiedandreconcileddatarowsbetweenprimaryandreplicatedatabasetablesbyusingsubcompare
* InstalledandImplementedSybaseReplicationServer15.7.1
* ProductionDatabaseAdministration,installation,configuration,systemintegrationonIBMAIX,SunSolaris
* UpgradedSybaseserver15.5to15.7indevelopment anddocumented thesteps.
* Performance and tuning of Sybase ASE, Sybase IQ at both server and query level
* Create Batch Programs (sh Scripts use awk, sed, vi, make)
* Write and maintain UNIX Shell and PERL Scripts
* Monitoring system alerts/processes and reports in Perl/scripts/Sybase.
* Use MDA tables to capture and tune SQL and system metrics
* Prepared end user documentation, technical design documentation.
* Maintain complete inventory and documentation of deployed systems and provided on call support.
* Coding tasks have included Server/Database configuration, Data Definition Language (DDL), Data Manipulation Language (DML), Data Control Language (DCL), Transaction Control Language (TCL), .NET CLR stored procedures, triggers, functions and data retrieval structures using Transact-SQL, PL/SQL (ORACLE)
* Maintain complete inventory and documentation of deployed systems and provided on call support.
* Responsible implementing change requests/controls for fixing data, stored procedures/triggers and providing access for software upgrades.
* ManagingReplicationServerforWarmstandbyrecovery
* Check the server error log daily for errors, Creation of login, groups, etc.

**State Of North Carolina,NC July 2015–September 2016**

**Sybase/SQLServerDBA**

**Responsibilities:**

* ProvideDaytimesupportformorethan100instancesofSybase(ASE15.5,16.0)ofsizeupto2Teach inthereplicationenvironments.
* Onregularbasis,rantheUpdatestatisticsandclusteredindexesdroppedandrecreatedontheAll-Page-LockedtablesandranreorgrebuildtoreclaimspaceonData-only-lockedtables.
* Creatinguserloginswithappropriateroles,dropping and lockingthelogins,monitoring the useraccounts, creationof groups,grantingtheprivileges tousersandgroups,assigningtheuserstoparticulargroups.
* Creatingnamed datacachesandbindingcriticalobjectstothemtopreventcontention.
* DesignedCoordinatedDumpandLoad(CDL)procedureinreplicationenvironmentfordisasterrecoveryandquarterlyrefresheswhichsaved14hoursofDBAseffort.
* Provide day to day production database administration support for Sybase ASE 12.5 and ASE 15 servers, Sybase IQ and Sybase replication servers, running on Sun Solaris
* Create publications, subscriptions, replication definitions, articles and troubleshoot problems in Replication Server
* Managing **capacity planning** for the department’s databases and other key production servers
* Maintaining database servers - apply critical **upgrades** and **patches** as needed and ensure that database servers are similarly configured in all environments
* Ability to write Perl Modules and subroutine packages
* Create Batch Programs (ksh Scripts use awk, sed, vi, make)
* write and maintain UNIX Shell, PERL Scripts
* Sybase and DB2 Database backup and recovery
* Schedule all backup jobs using the Autosys Job Scheduler and provided on call support.
* Coordinate database system upgrades with IT staff, end users and vendors and Maintained documentation related to database development platform guidelines, methods and standards
* Set up DR Sites for Production Servers.
* Install Migrate and Up-Grade Sybase servers (Production and Development).
* Recover failed/crashed Sybase servers from latest backups.
* MonitoredSQLServerperformance anddeadlocksusingprofiler
* SetupReplicationinMSSQLServerenvironment toreplicatedatetodifferentlocationsworldwide.

**DuPont Pioneer,IA July 2013–June 2015**

**Sybase DBA Responsibilities:**

* SetupMultisiteAvailability(MSA)Replication.
* DesignedCoordinatedDumpandLoad(CDL)procedureinreplicationenvironmentfordisasterrecoveryandquarterlyrefresheswhichsaved14hoursofDBAseffort.
* Usingsp\_sysmontoevaluateserverlevelperformance.Tuningconfigurationandserverparameters.
* Database and Query performance tuning using tools and techniques including dbcc, sp\_sysmon, optdiag, de-normalization, cache partition, lock management, resource management, indexing, query optimization, cursor management and more.
* Work within team with proper and clear communication.
* UpgradeSybaseserversfromV15.5serverstoV16.0;feasibilitytests,determinealternativestodotheupgrade;in-place/dumpload,systemrequirements,taskslisting/scheduling,scriptingtodotheupgrade.
* Monitorthedatabasestooptimizedatabaseperformance,resourceuseandphysicalimplementationsofdatabases.
* Creatingmultipletempdbstoreducesystemcatalogcontentionandlogcontention
* Reducedthedataretrievaltimeconsiderablybybindingfrequentlyusedobjecttonamed memorycache.
* Export/Import of Data, Replication, Database Object creations and development, quality assurance and production stages of Database server Installation, Configuration and maintaining the Infrastructure and ecommerce Applications from a database perspective.
* Created many complex Stored Procedures / Functions/ views and used them in Crystal Reports directly to generate reports on the fly
* Writing PL/SQL program to perform data analysis and fixing.
* Writing stored procedure and Unix program to generate report on deadlock, table usage, stored procedure execution time.
* 24 x 7 Production support.
* Writing Unix program to extract, format, validate, load and transfer data.

Technical documentation. Documenting exiting program and process being used in the system.

* Writing T-SQL and customized scripts for data transformation from SQL server to Sybase tables.
* Plan, design, estimate and creating DDL for tables for optimum data storage.
* Plan, design and creating indexes to handle data uniqueness. Performance improvement for ad hoc and regular SQL queries and store procedures and index designs are done keeping the fact in mind of the existing OLTP and thus balancing the index ceation.
* Tuning stored procedures.
* 24x7 production on call support.
* Developed administrative scripts to monitor, capture statistics and report on performance for all servers used in the system. This weekly generated report were sent to the upper level IT management group.
* Developed script to monitor and capture space usage, stack trace and other fatal error.
* Planned and developed process to move transaction log to a separate device for a critical database to ensure up to the minute recovery.

**Cigna Health & Life Insurance,DE July2011–June 2015**

**Sybase DBA Responsibilities:**

* Partitioned couple of busy tables to gain better performance.
* Performance analysis and tuning.
* Developed programs to handle data extract, format and load into database tables.
* Developed process for file handling and transfer.
* Developed, enhanced and managed stored procedures used as scanner program to identify and validate fraud credit transactions.
* Batch job scheduling and automation.
* Database’s object administration, validation, staging and implementation.
* Open case with Sybase Technical team and follow up on critical problems.
* Took active part in data modeling and design, process discussion and design, error handling and work closely with the management team for decision making for technology evaluation and upgrade, software purchase and others.
* 24x7 on call DBA support
* Mentoring other team members.
* Technical documentation.
* Installed, configured and managed servers, upgraded and installed EBF patches on the servers.
* Analyzed storage space requirement at OS files and created space as per the requirement.
* Designed, created and managed data devices, database and tables.
* Configured databases as per the DSS and OLTP activity requirement, production and development environment.
* Created and managed index, join and referential constraints.
* Designed, developed and automated batch jobs for data transferring, formatting and loading the trading and employee data into the databases.
* Developed stored procedure for data load, validation and supporting various business rules.
* Developed trigger code and other constraints to support referential integrity and business rules.
* Created and managed table, view and indexes.
* Developed and accomplished process for transaction handling and locks.
* Developed DB-LIB program for generation of report.
* Developed and enhanced interface programs using Unix, Perl, C++ and SQL to load, accept/deny, process trading data across the globe.
* Worked closely with the System DBA team in migration of Sybase ASE v 11.9.2 to v 12.0.
* Automation and scheduling of batch jobs.
* Worked closely to plan and develop process to upgrade all automated jobs from Unixcrontab to the Control-M scheduler.
* Developed stored procedures for calculation of cash and bank book, general ledger, creditor and debtor ledger, purchase and sales register, calculation of absentees, overtime, total work hour, delay, early leave etc, to enforce business logic and other kind of data access.
* Created and managed permission for stored procedure execution and table data access.
* Performance analysis and tuning.

**Medha Servo Drives Pvt Ltd.,Hyderabad,INDJuly2008–June 2011**

**Sybase DBA/Developer**

**Responsibilities:**

* Automated and scheduled batch jobs.
* Developed DB-LIB (C) programs to generate MIS reports for creditors and debtor ledger, sales register, P/L account, cash and bank book and others.
* Create and manage table, index, rules and defaults as per the database design requirement.
* Developed data entry screens using APT-LIB.
* Performingbackupandrestoretestingonceserverissuccessfullyrelocatedintonewsite
* Monitoredserverperformance,databaseandtransactionloggrowthanderrorlogs.
* Managed andmonitoredtheuse ofdisk space,databasespace,CPU,memory,cache,anduserconnectionsandprocesses.
* MonitoringtheoperatingsystemresponseintermsofCPUusage,diskspace,andswapSpacebyusingvariousUNIXutilities likeSAR,VMSTAT,ISOSTATandTOP.
* GainingexcellentexposuretoalltheareasofITbyworkingwithmanysystemadmins,SybaseandOracleDBAs,networkadmin, ProjectManagers,SeniorManagersandDirectors
* Recoveryof`systemdatabase,InvolvedinDisasterRecoveryManagement.
* Creatingindexestoimproveperformance,queryoptimization
* WroteUNIXshellscriptstomaintainthedatabaseenvironment.Scheduled cron jobs to monitordatabasehealth.

**EDUCATION:**

**BS in Computer Science, OsmaniaUniversity,Hyderabad, India, 2008**