

Senior Database Administrator Senior Database Administrator Senior Database Administrator -
Oracle with H1B approval Clarksburg, MD Authorized to work in the US for any employer Work
Experience Senior Database Administrator ABCO Advisory Services January 2015 to Present
Employed with ABCO Advisory Services, as 'Database Administrator' since May 2012 to Dec 2014.

Employed with ADSS Technologies, as 'Database/ETL Administrator' from Sep 2009 to April 2012.
Education Master in Computer Applications ICFAI University - Chennai, Tamil Nadu May 2007
Bachelor of Science in Computer Science Madras University - Chennai, Tamil Nadu May 2004 Skills
DATABASE (7 years), DATABASE ADMINISTRATOR (7 years), ETL (3 years), EXTRACT,
TRANSFORM, AND LOAD (3 years), AND SELLING (Less than 1 year), MYSQL (Less than 1 year),
DBA, Oracle Db (8 years) Additional Information TECHNICAL SKILLS Databases & Tools:
Oracle 11g/12c, Oracle Enterprise Manager 12C, TOAD, MyOra 4.0 ETL: Informatica
8.1/8.6/9.1/9.6 Languages: PL/SQL, UNIX Shell Scripting Operating Systems: Windows, Red
Hat Linux Reporting Tool: MicroStrategy 9.4.1 Senthil Kumar M msenthil2505@gmail.com

PROJECTS 1. Project Title: Selling System Client: Western Motors, Dubai. Duration: Mar 2011 to
Feb 2012 Role: Database Administrator Technical Environment: Oracle 10g, Linux Description:
Selling System is a web application with capabilities for the users to browse for the vehicles
available in the inventory and buy them. The users can also provide their preferences to reserve a
vehicle with specific features. This project involved large OLTP database with concurrent user
transactions. End users of the system wanted to access/add records 24x7, hence it was
challenging for DBA to proactively deduce bottlenecks and maintain optimum performance. The
application also has features for the users to trade their own vehicles with Western Motors. A
reporting module is included in the system that helps to generate various sales and purchase
reports for auditing and documentation reasons. Responsibilities Installation and configuration
of Oracle server and creation of databases. Developing UNIX shell scripts and SQL scripts to
carry out routine checks on databases. This includes checking whether all databases are running,
listeners are running, Unix error messages, disk space availability, segments with greater than 10
extents, segments nearing max extents, checking for errors in alert logs and trace files, etc.

Creation of tablespaces, data files, users etc., for the project requirement. Controlling the users operations by limiting the memory spaces and granting the necessary roles, privileges and profiles to the users. Creation of clone database using RMAN for testing. Maintaining archive log files for the Database. Performing hot-backups for the entire database. Restoring the latest backup for recovering corrupted and lost data files. Export and Import of Tables, Table spaces and Full Databases. Monitor the performance of the Instance and data file structures through OEM. 2.

Project Title: WL Transportation Management Client: World Mega Logistics (Thailand) Co., Ltd. Duration: Jun 2010 to Mar 2011 Role: Database Administrator Technical Environment: Oracle10g, Linux Project Description: WL Transportation Management is a 24x7 web application that provides the customer service representatives around the globe to retrieve specific Cargo details and to track the status of cargoes in transportation. As a DBA for logistics system SW product based on Oracle DB, I installed DB with product recommended configuration with separate tablespaces for table and indexes. The application provides various operational details about Cargos, Liner details, Transportation materials and Customs clearance details. Implemented both RMAN and cold backup for comprehensive backup and recovery process. The application interfaces with the database for data from processing units like Manifesting, Verification units, IS information and CRM department.

Responsibilities Creating Users with Quota Management. Creating Physical files. Creating user Profiles and granting specific privileges and roles to the users. Monitoring unwanted sessions and killing them if needed. Monitoring physical and logical backup and Recovery Strategies.

Implementing Backup procedures using daily hot backups and weekly cold backups. 2 Senthil Kumar M msenthil2505@gmail.com Monitoring the backup and checking its consistency and integrity. Logical Backup Using Export & Import. Monitoring the database for CPU utilization, blocking locks and changing priority or killing unwanted user processes. Monitoring the database growth using OEM and re-organization of Tables. Analyzing and rebuilding indexes to rectify segment fragmentation. Performing regular RMAN backups to safeguard from user errors and media failures.

3. Project Title: Inventory Management Client: ARCO Qatar Inc., Qatar. Duration: Sep 2010 to Jun 2010 Role: Database Administrator/ETL Technical Environment: Oracle 9i, Linux,

Informatica Description: Arco Qatar Inc. is a Dubai based company that offers Oil & Petroleum for industrial segments and consumers. The project maintains an Inventory control system, which stores items, and its stock details as well as the buying and selling rate of each unit of item. Various departments involved in the entire operations such as production, sales & distribution team access the centralized database to implement the projects as per the schedule, midlevel management and operational teams access the database through various report generation tools and report to the management. The movement of items is tracked and Break-Even analysis is done periodically using this system.

Responsibilities Assisted in developing Informatica mappings to extract, transform and load data from source to target. Manage/Maintain the Informatica servers/Services. Worked with ETL architect to develop ETL design. Performed ETL/Informatica administration which includes Code migration/User management/folder management/System maintenance/System health check. Maintenance of Oracle Databases as per the requirement. Managing the logical objects of the Database. Rebuilding Index to rectify segment fragmentation. Frequent analysis of objects or schemas to improve the speed of the database. Taking hot Backups. Export / Import of Tables, Table spaces and Full Database. Restoring the latest backup for recovering corrupted and lost data files. Monitoring the database for Memory and I/O utilization. Killing unwanted user sessions or processes. Monitoring the database growth, Re-Organization of Tables.

4. Project Title: Database/ETL Administration and Support Employer: ABCO Advisory Services Duration: May 2012 to Dec 2014. Role: Database/Informatica Administrator Technical Environment: Oracle 11g, Informatica 9.1, Linux

Responsibilities Datacenter and Database Migration. Performance tuning for long running queries. Optimize queries and improve performance. Analyzing plan of the query to improve performance. Production and Development support on Oracle and Informatica. Release activities on Oracle and Informatica.

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Monitoring the database health and react to the alerts which is configured. Tested with various phase for Database backup and recovery scenario. Performing logical backup of Databases using Export/Import Utility. Setup of various automated jobs using shell scripting. Troubleshooting from Automatic Workload Repository reports on Oracle. Checking log files and trace files for any errors

and taking necessary actions to rectify them. Configure and Monitor RMAN database backups. Migrate database from normal instance to Automatic Storage Management instance. Creation and partitioning of ASM disk groups. Installation of Oracle Binaries, Oracle Enterprise Manager Agent, ASM Grid. Creation of Clone database for the test database environment. Tablespace fragmentation and monitor the growth. Monitor the unwanted user session and killing them if necessary. Creation of users, profiles and granting specific privileges and roles to the users. Creation of database using DBCA. Analyze long running sessions and provide solution to increase performance on Informatica. Monitor Informatica loads and work on session failure or slowness. User creation and assigning roles and privileges for Informatica users. Monitor Integration Service and Repository Service on Informatica. ETL object migration on Informatica. Responding to Nagios alerts on Oracle and Informatica Servers. Providing 24x7 on-call technical support. 5.

Project Title: Database Administration and Support Employer: ABCO Advisory Services Duration: Jan 2015 till date Role: Senior Database Administrator Technical Environment: Oracle 12c, Linux

Responsibilities As a senior DBA, I am responsible for maintaining the highest possible performance standards and meeting agreed upon commitments even under difficult circumstances.

Taking responsibility for outcomes of actions and decisions. Cultivates and applies creative thinking to solve problems or challenge conventional thinking. Collaborates within and across teams, functions, and stakeholders to support continuous process, product, and service improvement. Uses rigorous logic and methods to address issues and provide solutions creatively, efficiently and successfully. Executes with thoroughness, delivering quality value-added results. Tenaciously fights through obstacles to achieve goals. Created (Dataguard) physical standby database in stand-alone database as DR Solution for production database. Automate manual tasks to reduce complexity for Tier 2 Operations. Responsible to maintain >95% compliance with SLAs. Ensuring no compromise on quality and performance.

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