## Sabitha Veeraperumal

Database Administrator (DBA)

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An accomplished Oracle DBA with excellent track record in Oracle and Banner Database Administration. She is a detailed oriented professional with focus on minimizing risks and system down-time. She has proven record in keeping up high availability systems with effective utilization of resources. A proactive DBA in learning new technologies/methods, and implements them seamlessly and documents them.

# Professional Summary

* Over 12 years of experience in Information Technology with 10+ years of experience as Oracle and Banner Database Administrator with 9i, 10g,11g & 12c database servers on UNIX, Linux & Windows platforms.
* Experience with Banner ERP systems implementation and administration for high availability requirements.
* **Install, upgrade and maintain SunGard Higher Education's Banner student information systems,** Advance, Smartcall, and Learn Management Systems.
* Expertise and accomplishments in all phases of Database Administration including installation, upgrades, patches, replication, performance optimization, high availability monitoring and maintenance, tuning and developing and maintaining backup and recovery plans of large scale Oracle databases.
* Proven ability and experience with Oracle database server administration, security management, implementation of efficient backup/restore and disaster recovery methods.
* Extensive experience in design and development of data models. Specialized in analyzing data access requirements and in creating appropriate indexes, partitioning, and performance tuning for efficient data access and persistence. Expertise with database analysis and access path assessment using AWR, ADDM and Explain Plan.
* Monitoring day-to-day in-house Oracle databases with regards to availability, performance and space management.
* Design, deployment, and management of enterprise Backup and Recovery strategies, using RMAN, Import/Export, Data Pump. Monitor and resolve backup failures, perform database/data recoverability testing quarterly, using RMAN.
* Extensive experience in providing solutions to developer/user requests, in resolving issues and defects related to databases.
* Strong Unix/Linux scripting skills to perform customized Database Administration steps.
* Extensively used OEM (Oracle Enterprise Manager), SQL\* Net, SQL Loader and SQL\*PLUS.
* Involved in DBA activities for 24/7 Production Support and ensure high availability.
* Self-motivated skills in learning latest technologies and techniques related to Database Administration and applying them in a professional environment for higher productivity and throughput.

# Technical Skills

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| **Databases** | Oracle 12c,11g,10g, 9i, MS SQL Server, MS Access |
| **Modeling** | Oracle Designer, ERWIN, UML |
| **Data warehouse** | Oracle Warehouse Builder |
| **ERP** | SAP R/3 4.6C, Banner 8 ,9 |
| **Programming Languages** | Java, Visual BASIC, PL/SQL, C#, ABAP 4.C |
| **XML/Markup Languages** | XML, XSL, HTML |
| **Scripting Languages** | Unix Shell, JavaScript, VBscript, VBA/Macros |
| **Tools** | Crystal Reports 8.5, TOAD, SQL Developer, OEM 10g, OEM 13c/12c/11g, SVN, RMAN, EPRINT |
| **Operating Systems** | UNIX, Linux, Windows Series, DOS |

# Professional Experience

**NJIT, Newark, NJ (December 2014 – Present )**

**Oracle/Banner DBA** - Oracle 12c/ 11g / 10g, Banner/ERP, OEM 13c / 12c, RMAN, Unix/Linux Shell Scripting, PL/SQL, Toad, SQL developer, Linux, Unix, Windows.

* Created and administered Banner database for user community and effectively managed role based privileges by creating automated scripts. Managed users, roles and privileges at all levels.
* Upgraded Oracle database on Banner System and configured the application server.
* Installed OEM agents and administered security and PSU patches on Banner database.
* Installed Patches, upgraded, troubleshoot several Banner modules in Banner test and Production environments using automated / manual and ESM.
* Maintain and ensure availability for multiple production and development Oracle database environments.
* Hands on participation and facilitation of full life cycle implementation of 13c OEM production environments.
* Administer Oracle Databases including cloning, patching, and migrating from AIX to Linux.
* Resolve help desk tickets as assigned and provide 24-hour on-call support for problem analysis and resolution to system problems on a rotational basis.
* Work with development teams to implement change management for custom code migrated into environments.
* Perform effective and independent incident and problem resolution for databases and applications.
* As assigned - research, plan, and perform application of bug fixes, application upgrades, database upgrades to Oracle Database 12C, and the implementation of quarterly security patches.
* In accordance with established guidelines design & develop processes/ procedures for loading data, interfaces, batch job operation, and perform high-level trouble-shooting of development / production systems independently.
* Work in a team environment by providing training and ongoing support of these processes/ procedures and help to build the knowledge of less senior DBAs.
* Installed BDM, created several EPRINT report definition in test and prod environments.
* Implemented the Clean address in Banner 8 / 9 environments, Updated the quarterly Clean address files.

**Rensselaer Polytechnic Institute (RPI), Troy, NY (Nov 2011 – Dec 2014)**

**Oracle/Banner DBA** - Oracle 11g, Oracle 10g, Banner/ERP, OEM 12c, RMAN, Netapp Snaps, Unix/Linux Shell Scripting, PL/SQL, Toad, SQL developer, Linux, Unix, Windows.

* Created and administered Banner database for user community and effectively managed role based privileges by creating automated scripts. Managed users, roles and privileges at all levels.
* Upgraded Oracle database on Banner System and configured the application server.
* Installed OEM agents and administered security and PSU patches on Banner database.
* Setup schedulers on Banner Database for various jobs, gurjobs.
* Installed patches on Banner general and financial items on Production servers and monitored performance and security.
* Configured and Upgraded Ellucian Banner and advance application software that interacts with Oracle database as back-end.
* Scheduled nightly backups on Banner database using RMAN, OEM and Netapp Snaps.
* Created Unix/Linux shell scripts to perform cloning of Banner production databases.
* Accomplished continuous monitoring of Banner database performance, SQL sessions using OEM 12c.
* Demonstrated extensive DBA experience, including installations/upgrades, backup and recovery, performance monitoring and tuning, reorganizations, optimization, SQL development and tuning, Unix/Linux shell scripting, PL/SQL, troubleshooting, TOAD, capacity planning, and security administration.
* Installed Oracle Software 9/10/11g and upgraded Oracle databases to 11.2.0.3, 11.2.0.4 as supported by vendor application systems on front end.
* Installed OEM 11g and 12c agents on Oracle databases to manage databases. Administered, Monitored database’s, scheduled backup jobs, recovered tables using OEM 12c.
* Accomplished various DBA tasks including installation, performance tuning and monitoring, partitioning, backup/recovery, SQL explain and optimization for higher throughput, reorg and mentoring.
* Created Procedure, Function, Triggers using PL/SQL for VPD Policies and Profiles.
* Worked with users and Upgraded Smartcall application software on oracle database servers.
* Installed and applied patches on Blackboard Learn Management System which is being used by professors, students for courses and grades. Installed, upgraded and configured the database servers to interact with this system.
* Explained plan on SQL queries and tuned for higher throughput by monitoring mission critical SQLs in OEM12c.
* Created Locally Managed tablespaces for better space management and less fragmentation of data.
* Created schema (tables, Indexes, views, sequences, synonyms, packages) for various applications used at RPI.
* Setup database auditing, granted privileges to users through system/object roles.
* Implemented security on user profiles using encryption VPD packages and functions.
* Performed database backups / recovery using Netapp snapshots , OEM 12c and RMAN.
* Responsible for the installation, configuration, evaluation, and maintenance of third party application software like Advance, Smartcall, Learn management System.
* Developed and documented policies and procedures for managing database and web services.
* Demonstrated strong analytical skills with rapid troubleshooting and issue resolution.
* Documented processes, procedures, Linux/Unix scripts, problem determination and issue resolution.

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| **Dept of Education (State of New York), Albany, NY (Aug 2007- Nov 2011)**  **Oracle DBA -** Oracle 11g, Oracle 10g, Oracle Warehouse Builder, PL/SQL, Unix, Windows |
| * Determined and analyzed database requirements; designed, developed and tested databases. * Installed, Configured and managed various Oracle database servers. * Migrated and transformed data from source OLTP systems to feed a data warehouse and form data marts using Oracle warehouse Builder tools. * Involved in Performance tuning and monitoring of databases and database servers. * Coordinated with development teams in designing databases as per the given requirements. * Integrated new data with existing warehouse structure and continuously improved database performance. * Created detailed design and specification documents for the databases. * Implemented enhanced security for databases and specific data entities. * Assisted application developers in implementing queries, reports, and ad-hoc query tools that were used to make data available to program managers, staff and LEA users. * Developed logical data models and Entity Relationship Diagrams using Oracle designer and ERWIN. Created physical data models with appropriate indexes and constraints to meet application requirements. * Generated database schemas for several NYSED applications using Oracle Enterprise Manager. Defined appropriate access and security levels. * Analyzed database security requirements for internal users and School district users. * Applied Critical and security patch updates to the oracle databases as recommended by Oracle Corporation. * Upgraded existing Oracle databases to new software releases. * Analyzed business requirements of the Statewide Operational Data Store for designing databases and incorporated changes as needed. * Designed, developed and enhanced databases to respond to changing reporting requirements and technical specifications. * Performed backup/recovery using RMAN / Manual. Restored / Recovered Databases as needed by the customers using RMAN and Backups. * Worked with Oracle support to resolve critical issues. * Created, monitored Export and import database jobs using Datapump and scripts. * Created and modified numerous PL/SQL functions to improve the security of databases to restrict unauthorized access. * Created VPD policies to implement access controls. |
| **Programmer Analyst - Pearson Education, NJ (Jun 2001-May 2003) Intelligroup, Inc.**  Technologies/Tools: TeamSize:16  SAP R/3 Rel 4.6C, ABAP/4, VBA, Visio 2000 |
| * Designed and developed programs that creates Journal entry (JE Upload) using the data within Excel files by triggering the transaction F-02 or FBS1. * Designed and implemented programs that creates AP (Accounts Payable) invoices and credit memo (part of SAP FI module) using F-43 transaction. * Designed an external interface to SAP for the sales order create function. Created and populated custom tables for access by the front-end GUI. Specified BAPI interface, developed test programs to verify interface. * Developed ABAP interface program to manage ISBN, Profit center data. * Developed an interface program to create daily extract of the Payments, Refunds and Void Itemized Information per Payment Check Record for the PPI Cash Report, which is in an Access db. * Accomplished creating detail design artifacts in Visio. |
| **Software Engineer - SpaceNet Inc., Mc Lean, VA (Nov 2000-May 2001) Intelligroup, Inc.**  Technologies/Tools**:** Team Size:6  SAP R/3 Rel 4.6B, ABAP,Visio 2000 |
| * Designed and developed BDC interface to manage customers. * Developed an outbound Interface to route messages. * Wrote custom BDC programs for inbound and outbound data conversion / interfaces. BDC programs were used for loading Customer Master & Vendor Master records. * Developed a program to create statistical report on report programs and module pools accessed by the user community. * Developed a report program to produce a report in ALV Grid format which contains all inventory tracking related data for the values entered in the selection screen. * Developed a program to map the data records to SAP fields to create a BDC table ready for input via Call Transaction CJ40. * Created various reports using SAP Query. |
| **PINT Software Solutions, Chennai, India (1999-2000)**  **Technologies:** ASP, Visual Basic 6.0, Crystal Reports, SQL Server 7.0, Oracle 7.1 Team Size:5 |
| * Designed and implemented a web enabled Resource Management Online Tool, which provides information about Projects & Consultants, leaves, training and transitions of employees. * Designed forms and developed Programs, Reports for Fixed Asset Management System. * Developed Stored Procedures and normalized tables in MS SQL Server. * Designed and developed a Cost Analysis management system in Visual Basic and SQL Server, which has costing details for the various processes involved in leather industry. * Designed and developed Customer Maintenance system for a Gas Agency. * Designed and developed various reports using Crystal Reports. * Accomplished integration testing and involved in system testing. * Presented a demo to the management team and user community. |

# Education

* MS in Computer Information Systems, College of Saint Rose, Albany, NY.