KAMINI VELUMANI   
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# US Resident status: Permanent Resident

Summary

* **5+ years** of experience as an **Oracle Database Administrator** responsible for Database installation, object creations, upgrades, patches and TAR support.
* Strong background in System Analysis, Database Design and Performance tuning.
* Proficient with Backup, Restoration and Data Guard Technologies.
* Excellent business knowledge in Secure Credentialing (Driver’s License) systems with expertise implementing and administering **2+ TB** **Oracle 11g** Databases.
* Strong analytical, interpersonal and communications skills.
* Developed stored procedures in **MS SQL Server** to Implement Business Logic.
* Exposure to Oracle on Linux Environment.

# Skills Summary

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| --- | --- |
| * Oracle Databases - 11g, 10g and 9i * PL/SQL and T-SQL * Data Guard * Disaster Recovery Solutions * Database Design * System Design * Performance Tuning | * Recovery Manager (RMAN) * Standby Database Solutions * Security Administration * MS SQL Server (2005, 2000, 6.5) * Windows Server 2008, 2003, 2000,NT * Tinderbox, Perforce * Host Monitor |

# Work History

## (August 2006 – Present) L-1 Identity Solutions (formerly Viisage), Billerica, MA (5+ Years) Consultant -Database Administrator Environment: Oracle 11g, RMAN, Data Guard, Windows Server 2008

Wisconsin Real ID Driver’s License Solution

* Lead Database Developer and Administrator responsible for implementing the **Oracle 11g** back-end solution for **mission critical** State Driver’s License database.
* Worked with various application teams to define the backend packages to implement the business requirements.
* Implemented **High Availability** solution with two standby databases in **Data Guard** mode.
* Implemented **Oracle partitioning** feature to improve performance.
* Reverse engineered the data objects from 11g to 10g databases (Data Replication).
* Successfully performed **DR drills** and configured automatic **failover** mechanisms using **Observer** for planned and unplanned outages.
* Implemented the Backup Strategy using **RMAN** Scripts directly onto NAS drives.
* Installed Oracle critical Patches to resolve **TAF** errors on Windows 2008 server.
* Performed critical production support by restoring the standby database within the specified SLA.
* Provided documentation for DB Functional Specs related to business logic, DR procedures and Backup/Recovery procedures.
* Developed **packages, stored procedures, triggers** and followed build, release process using Perforce and Tinderbox.
* Performed code review of implementation logic for Web Reports packages.
* Responsible for testing and **debugging** various data and logic issues during Integration testing in UAT and production environments.
* Migrated production databases from 10g to 11g.
* Used **SQL Loader** to transform data from external sources.

Illinois Driver’s License Solution

* Principal Database Developer responsible for developing backend packages for Driver’s License and Facial Recognition schemas.
* Successfully tested and documented the Oracle upgrade path from version 10.2.0.1 to 11g R2 Database.
* Tested Data Guard in heterogeneous environment (Windows 2003 & Windows 2008).
* Wrote DB Functional Specification document explaining the data flow with record status and generated reports for IL SOS.

North Carolina Dept. of Transportation

* Worked as a Team member implementing and testing High Availability solution with four database servers (one primary database and three standby databases).
* Applied Oracle Critical Patch Updates on the production database servers.
* Performed DR and switchover drills during integration testing with the State.

State of RI, WV, MS Driver’s License Production Database support

* Worked as a Production Support DBA for Rhode Island Driver’s License Database.
* Performed Database migration/upgrade from Oracle 9i to 10g for Mississippi Driver’s license. Restored Production Database within the specified SLA.

Montana Driver’s License SQL Server Backend Solution

* Worked as Principle developer in **MS SQL server 2005** for Montana Driver’s license.

## (April 1998 – Dec 2000) PSG Industries, India

## As a Systems Analyst, worked on the following projects.

* Production Information System
* Examination Processing System
* Attendance Information System

## Environment: MS SQL Server 7.0, Visual Basic 6.0, Crystal Reports 4.6, Sybase System 10, HP-UX 9.0

Roles and Responsibilities

* Created and maintained database objects like stored procedures, tables, rules, triggers, indexes.
* Optimized stored procedures and triggers to improve performance.
* Automated SQL jobs for DB Maintenance Tasks such as DBCC, update statistics to improve system performance.
* Designed Front end screens.

**(June 1997 – March 1998) Lakshmi Precision Tools, India**

As a backend developer performed the following tasks.

* Created, maintained and optimized various stored procedures and triggers.
* Used BCP utility to load data from several applications.

**Education:**

Oracle 10g Administration II, UMass Lowell 2009

Oracle 10g Administration I, UMass Lowell 2007

Master of Computer Applications (MCA), Bharathiar University, India 1997

BS in Applied Sciences and Computer Technology, Bharathiar University, India 1993