

Kamal Agnihotri

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SUMMARY: 18 years' experience designing, architecting, developing and implementing solutions using **Oracle Technologies**. Oracle Certified Professional Developer, DBA and Architect with in-depth knowledge of SQL, PL/SQL, **Oracle RAC, ASM, Data Guard, RMAN, MySQL, NoSQL, PostgreSQL, Hadoop, MongoDB**, Oracle Data Warehouse, Business Objects, Oracle Advanced Security, Oracle 8i, 9i 10g, 11i, **12c**, Unix, SUN Solaris, Citrix, Windows, IBM AIX5. **Expert in using, OEM, RMAN, SQL Loader, TOAD, MS Project, MS SQL Server, ER-WIN, Web Focus, Data Migrator, Unix Shell Scripting**. Developer having experience in Full Life-Cycle Software Development using **Amazon Web Services** and Agile methodology. Expertise in design, data and software analysis. Subject Matter Expert in developing and implementing systems security policy, guidelines, and procedures for systems processing multiple applications that require differing and conflicting security controls. Experience working with very large databases (over 10 TB) and troubleshooting. **CompTIA Security + Certified**.

Lead Oracle DBA/SME, providing **database performance, architecture, data modeling, administration, business intelligence, and management consulting** in support of projects. Pay attention to details. Excellent oral and written communication. Write and present training seminars to project managers and development staff to accelerate new technology integration. **Ability to work effectively with all levels of management. Provide technical support to customers and other team members including trouble shooting of problems on a daily basis. Examine current business functions and suggest strategies for technology development that streamline operations and automate data processes on site or remotely using Citrix.** Create Proof of Concept presentations and suggest integration solutions. Excellent analytical and problem solving skills. Ability to work on several projects concurrently and stay focused on the goals to be achieved for each project. Experience in managing projects using MS. Project.

SECURITY CLEARANCE: Active Top Secret with CI Poly.

EDUCATION:

M. B. A. Business Administration, Cornell University, Ithaca, New York.	1989
M. S. Finance, Université Catholique de Louvain, Belgium.	1987
B. B. A. International Business, Schiller International University, Paris, France.	1983

SKILLS PROFILE:

Hardware: IBM-AIX, SUN Solaris, COMPAQ/HP, TOSHIBA, VM-Ware, Pentium PCs

Operating Systems: Windows NT/XP/Vista/7, HP9000, Redhat Linux.

Software Tools: Oracle Developer, Oracle Designer, OBIEE, Oracle Enterprise Manager, Oracle Data Guard, Oracle RAC, MS SQL Server, Oracle APEX, RMAN, ER-Win, ETL, Business Objects, Oracle Data-Mart, Toad, Embarcadero DB Power Studio, MS Office, MS Project, MS Visio, Momentum, Share Point, EntelliTrack by Micropact, Syncfusion Big Data Platform

Languages: SQL, PL/SQL, Unix Shell Script

RDBMS: Oracle 12c/11g/10g, SQL Server, My SQL, PostgreSQL

PROFESSIONAL EXPERIENCE:

06/2017 to Present	Booz Allen Hamilton	Washington, DC	Sr. Oracle DBA
Setup Oracle ASM and Oracle Database in Red Hat Linux. Monitor Oracle 12c and Oracle 11g Databases in production, development and test environments. Set up Oracle Dataguard. Switched over Primary to Standby and then Standby to Primary. Apply security patches. Write Shell scripts to run oracle programs and procedures after hours. Use Oracle OEM to monitor databases. Install agents on new databases to be monitored. Use TOAD to monitor databases. Work with Oracle Support to get answers to specific questions. Provide tier three support to users.			

09/2016 to 05/2017 David Hale Associates, Washington, DC Senior Oracle DBA/Developer

Oracle DBA and developer maintaining Oracle 11g and Oracle 12C databases. Responsible for creating and maintaining hundreds of Materialized Views in development, training and test environments. Modified and created PL/SQL packages, procedures, functions, triggers to accommodate new functionality. Developed PL/SQL packages to manage backend CRUD operations consistent with application functionality. Modify code to accommodate new requirements. Troubleshoot performance issues. Use Data Migrator to create new schemas, and dimensions.

07/2015 to 08/2016 SOTERA, Herndon, VA Senior Oracle DBA/Developer /SME

Created 2 Node Oracle 11204 RAC on Sun Solaris 10 in a virtualized environment. Managing 4 Node Oracle RAC, Grant Management System (GMS) production database. . Installed 2 Oracle Dataguard Instances on Oracle 11202 on RedHat Linux. Modified administrative package to assist with security, user management and encryption requirements using Oracle's dbms_crypto package. Maintained 3 environments, applied Oracle Security patches, upgraded existing databases to current versions. Assisted application developers. Using Er-Win and Visio redesigned sections of Oracle database to allow additional capability for NBIMS database. Responsible for databases stay up to par in terms of Oracle versions, CPU and PSU patches in production, development and training environments. Monitoring oracle databases using OEM, TOAD. Created Logical and Physical data models for data warehouse repository. **Set up MySQL Test Environment on Windows 2012.** Upgraded from Oracle 11201 to Oracle 11203. Apply quarterly Oracle security patches. Worked with Oracle Support and opened Services Requests (SR) for problem resolution. **Set up MongoDB**, in test environment and demonstrated the capabilities and advantages it offers over the traditional database. Ability to work effectively with all levels of management. Provide technical support to customers and other team members including trouble shooting of problems on a daily basis. Work with system admins, network admins, several contractors and government officials on preparing a task list and then working with all teams and ensure proper execution to achieve the desired result. Installed, configured and tested Oracle APEX 4 on personal computer. Setup database using PostgreSQL. Worked with SynCFusion big data platform for Hadoop.

01/2015 to 06/2015 Onyx Government Services, Fairfax, VA Sr. Data Architect, DBA

Modified existing database design using ER-WIN for FINCEN, Treasury Dept. Created dataflow diagrams and complex stored procedures, Triggers, packages, functions, sequences to ensure capture and display of relevant information. Participate in technical discussions as SME with senior staff. Propose technical solutions and action plan to achieve desired objective. Help in preparing technical plan to be presented to Government. Team player, with excellent communication skills. Created a subset Data Model from existing Data Model for a specific need using ER-WIN. Normalized database to the third Normal Form. Presented database design to stakeholders and incorporated improvements. Imported data using IBM Websphere. Created PL/SQL procedures to extract relevant info from the database. Improved database response time. Designed, coded, tested and created Members application using Oracle Apex 5 for a non-profit organization.

6/2014 to 10/2014 CACI, Arlington, VA Principal Oracle DBA

Principal Database Administrator and Oracle Application Server administrator maintaining 5 environments and over 20 databases on Redhat Linux. Cloning databases and Oracle E-Business suite (APPLTOP) from Production to Development, Training and Test environments. Apply patches to databases and Application server. Support Sunflower and Prism applications. Administer Prism on Windows 2003 and 2008 environments. Apply Prism patches. Monitor and administer databases and application servers using OEM. Backup, restore and recover databases using RMAN. On my personal computer created "Parking Space" Oracle Apex application. Formulated SQL queries, functions, procedures as per customization requirement for APEX.

5/2012 to 5/2014 Intelligent Decisions, Ashburn, VA Senior Oracle DBA/Team Lead /SME

Lead data manager project leader and DBA managing a team of 5 DBA's and several support staff. Responsible for managing all aspects of production database administration including but not limited to monitoring and performance tuning, back-up and recovery, security management, setting up alerts via OEM and cron jobs for Office Of Justice Programs, DOJ. Responsible for maintaining 40 databases on 12 Sun Solaris. Maintain MS. Outlook, Help Desk Ticket Management System (HEAT) and CITRIX management on 5 Microsoft SQL Servers. Monitoring SQL server

databases using Embarcadero. Expertise in installing, configuring, and maintaining MS SQL Server. Designing, deploying, tuning, and maintaining database systems. Supporting application development. Trouble shooting and Responsible for ensuring payments are processed in and out of the Grants Management System (GMS). Responsible for all production databases in a 24/7 environment.

4/2006 to 4/2012 ASCI, Boyds, MD Senior Oracle DBA/Team Lead /SME/Project Manager
 Lead data management project leader and DBA managing a team of 8 DBA's and several support staff. Installed 5 Oracle Dataguard Instances on Oracle 10204 and 11202 for DOJ on IBM-AIX platform. Work with application developers to ensure data integrity on Primary and Logical Standby Databases. Performance monitoring and Tuning of all databases using Oracle Grid Control, TOAD and AWR Reports. **Redesigned the Database using ER-WIN. Created roles, privileges, functions to control access for the Momentum (CGI) application.** Created Workgroup mode and Enterprise mode environments for Business objects. Created and modified BO Universe, Classes and Objects, Fact Tables and Aggregate Tables as and when requested by end users. Reviewed final software installation and system plans for additional security risks not identified during proposal stages and recommended work process changes and general design and programming techniques to alleviate potential security problems. Investigated security incidents for cause and the most effective corrective actions. Monitored and evaluated changes that effect systems security. Installed two node Oracle RAC. Created programs using UNIX shell scripting to automate processes. Senior Oracle DBA responsible for MHS LEARN database for Tri-Care, US Military Health Care System. Maintain the Apply Security Patches (CPU Patches) and Upgrade patches to Oracle Databases and Application Servers. Upgraded Oracle Database from 9.2.0.8 to 10.2.0.3 10 to 11202 Upgraded Oracle Application Server from 9.2.0.3 to 10.1.2.0 to 11.2.1 Set up a 2 Node Oracle RAC. Supervising 3 DBA's and 4 Developers. Planned, scheduled, coordinated and monitored the Database downtimes and ensured 24/7 availability. Expert in installing, configuring, and maintaining MS SQL Server. Trouble shooting and resolving database issues. Administering security within MS SQL Server. Ability to work effectively with all levels of management. Provide technical support to customers and other team members including trouble shooting of problems on a daily basis..

2/2005 to 3/2006 Avanco International McLean, VA Project Manager
 Keyview Systems Manager responsible for maintaining US Army's Personnel Database for creating reports. Roles and responsibilities include; plan, direct, and co-ordinate a cross-functional team activities to manage and implement project and interrelated programs from contract/proposal initiation to final operational stage using MS Project. Leading a Data Warehouse project to redesign an existing antiquated system. Monitored SyBase Database. Established risk-management procedures and ensured that risk-management techniques are applied to all new or modified computer applications. Determined, monitored, and reviewed all project economics to include costs, operational budgets, staffing requirements, sub-contractors, resources, and risk. Identified and assembled the appropriate blend of resources to meet project/program m needs and requirements, including sub-contractor selection.. Designed a system that creates and sends out reports without human intervention and help save thousands of man hours. Supervise 7 developers and 3 DBAs. Provide technical support to customers and other team members including trouble shooting of problems on a daily basis. Ability to work effectively with all levels of management. Worked with Oracle Support and opened Services Requests (SR) for problem resolution.

9/2004 to 1/2005 TEK Systems/BearingPoint Washington, DC Oracle DBA/Senior Consultant
 Oracle DBA responsible for 7 Servers and 3 environments, namely Production, Development and Testing. Managed Oracle 9i migrating to Oracle 10g. Technical expert in using OEM, RMAN and TOAD to perform migration, backup and restoration of databases. Created Data Model using ER-WIN. Loading and transporting data using SQL Loader. Support application developers. Expert on creating new environment for the next release of the application. Supervised 4 DBAs and 6 developers. Controlled project requirements, scope, and change management issues. Coached and counseled members of cross-functional teams to accomplish project goals, to meet established schedules, and resolve technical/operational issues. Ability to work effectively with all levels of management. Worked with Oracle Support and opened Services Requests (SR) for problem resolution. Established appropriate metrics for measuring key program criteria. Managed setting up of Oracle Data Guard Environment.

6/2004 to 7/2004 Binary Consulting/SRA International Fairfax, VA Oracle DBA/Senior Consultant

Lead DBA/Developer responsible for monitoring production, development and testing Oracle Databases on 15 servers. Performing backup and recovery using RMAN. Monitored DB2 Database. Create instances and migrate data on new instances. Migrating, upgrading and cloning databases. Development of detailed design for the next release. Used MS Project to support and monitor several application developers for the National Guard. Provide technical support to customers and other team members including trouble shooting of problems on a daily basis. Ability to work effectively with all levels of management. Determined and installed appropriate automated systems for management of projects. Facilitated the creation of communication plans, ensuring that appropriate information is exchanged among key stakeholders. Identified and recommended contingency measures.

1/2003 to 4/2004 SAIC Washington, DC Oracle Database Administrator
 DBA on Integrated Clinical Database (ICDB) for Walter Reed Army Medical Center having thousands of concurrent users. Managing 15 on line databases. Create programs, functions, packages, libraries and triggers in PL/SQL. Create automated reports on daily, weekly and monthly monitoring of the databases. Perform Export/Import. Install Oracle 9i Application server and maintain 3 Web Servers. Manage Database using Oracle Enterprise Manager (OEM) and Tools for Oracle Application Development (TOAD) and MS Project. Perform backup and recovery using Recovery Manager (RMAN). Created automated reports using UTL file. Maintain a development environment in compliance with HIPPA.

6/2001-12/2002 Ace Software Consultants, Inc. Gaithersburg, MD DBA/Software Developer
 Hands on consultant Project Manager and DBA responsible for a team of software developers. Full lifecycle application development utilizing oracle tools. Developed statement of work for projects and monitored projects using MS Project. Evaluated competing proposals from several vendors. Ability to work effectively with all levels of management. Provide technical support to customers and other team members including trouble shooting of problems on a daily basis. Performed Requirements Analysis, Data Modeling, Logical Database Design, Design reviews and Physical Database design. Reviewed deliverables from subcontractors relating to software applications.

4/2000 to 11/2001 BAE Systems Rockville, MD Programmer Analyst IV
 Lead Oracle DBA responsible for creating test procedures and unit tests for Weapons Direction System (WDS) project. Wrote and modified existing programs in ADA for the Navy. Prepared implementation schedule for testing the programs. Created SQL/PLSQL procedures to import data into tables for MCPS project. Ability to work effectively with all levels of management. Work with system admins, several contractors and government officials on preparing a task list and then working with all teams and ensure proper execution to achieve the desired result.

11/1996 to 03/2000 International Monitory Fund, Washington, DC Sr. Programmer
 Microsoft Access, Excel Programmer using Visual Basic For Applications. Created Loan Adjustment Program. This Program calculated interest payment adjustment based upon credit ratings and several other factors. Provide technical support to customers and other team members including trouble shooting of problems on a daily basis. Maintained Oracle 8i Database on Windows platform. Ability to work effectively with all levels of management. Created users assigned roles and privileges, maintained tablespaces and monitored space. Projected space requirements for the next quarter.

CONTINUING EDUCATION:

Data Migrator Essential	Information Builders	Washington, DC	2017
Oracle Certified Associate 11g	Oracle Certified Professional	Boyd's, MD	2014
CompTIA Security+ (SYO-301)	Certification Exam	Boyd's, MD	2012
Oracle Certified Associate 9i	Oracle Certified Professional	Gaithersburg, MD	2003
Project Management	USDA Graduate School	Washington, DC	2001
Local Area Network Concepts	USDA Graduate School	Washington, DC	1999

References: Available upon request.