**Saeid Banaei**

**Senior Oracle DBA/Developer**

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**Security Clearance (public trust)**

**Professional Summary:**

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| * 19+ Years of experience in full life cycle software development, including business requirement gathering, system analysis, design, development, documentation, testing/quality assurance and deployment. * In depth experience in Oracle database architecture. * Installing Oracle software, upgrade, and Patching. * Creating Oracle databases * Performing upgrades of the database and software to new release levels * Managing the storage structures of the database * Managing users and security * Managing database objects, such as Tablespaces ,Tables, Indexes, Tables, Indexes, Views, Users, Grants, Roles, Triggers, Functions, Procedures, Packages, Synonyms, and Sequences * Backing up the database and performing recovery operations when necessary. * Monitoring the state of the database and taking preventive or corrective action as required * Diagnosing and reporting critical errors to Oracle Support Services | * Monitoring and tuning database performance * SQL, and PL/SQL performance tuning * Data database design and modeling. * Linux System installation and administration. * Worked in fast paced AGILE environment. * UNIX Shell Scripting, Linux/Unix commands * Windows PowerShell scripting. * Pro\*C and C programming * ETL Development, Data Migration and Data Conversions for SQL Server, MySQL, and Oracle databases. * Excellent analytical and problem-solving skills, ability to isolate and resolve problems in timely manner * Work closely with clients and business owners to identify and specify business requirements and processes. * Can manage multiple tasks concurrently. * Highly motivated, flexible with assignments involved in wide range of skill sets. * Manual Task Automation. * Excellent written, verbal communication and interpersonal skills. |

**Technical Knowledge:**

**Hardware:** Intel Based Servers, SUN, HP, IBM-SP2

**Operating Systems:** Linux (Red-Hat, Ubuntu, CentOS, Oracle), Solaris, AIX, HP-UX, WINDOWS 2008 R2/2003 servers.

**Software:** Oracle Database Server 7/8/8i/9i/10g,11g,12c, SQL Server 2008 R2, MySQL, Oracle Enterprise Manager, SSIS, VisualBasic.net, Oracle Developer (Forms and Reports),T-SQL, PL/SQL, XML, HTML,AWR, ADDM, SQL-Developer, SQL\*Loader, database export/import, DataPump, C, Pro\*C, SQL\*Plus, ERwin, JDBC, ODBC, Perl, Perl DBI, DBD, AWK, KSH, BASH, sh, sed, git, CVS, Java, Toad, Quest Spotlight, Windows PowerShell.

**Education and Training:**

* **MS in Computer Science** - Jackson State University GPA:3.85
* **BA in Mathematics -** Isfahan University
* JAVA Programming
* Oracle DBA and Development
* Oracle Application Server Administration
* Relational Database Design
* Sybase System and Database Administration
* Graphical User Interface Design
* Solaris Operating System
* Object Oriented Software Engineering
* Data Communications principles
* Project Management principles
* XML
* JavaScript
* Oracle 10G: Performance Tuning at Oracle University

**CERTIFICATIONS:**

Brain Bench Certified Oracle 8i DBA

Professional Experience

**hCentive (Reston, VA) October 2015 – Present   
Oracle DBA/Developer/Senior Technical Support Engineer at hCentive**

hCentive is a software development company specializing in cloud-based products for managing health, ancillary, and voluntary benefits for insurers and state health agencies, insurance brokers, employers and their employees. It was the first company to build a health insurance exchange solution from the ground-up post the Affordable Care Act (ACA).

Provide support for the day-to-day Oracle database related problems including and not limited to the following:

* Provide day-to-day tasks of keeping databases up and running including change management, reviewing database structures, security and authorization.
* Performance Tuning and Query Optimization.
* Design and develop DML SQL and PL/SQL.
* Create DDL scripts to perform schema changes in Development, QA, UAT, SIT and Production environments.
* Perform database cloning for different teams and in different environment.
* Write shell scripts to automate monitoring of databases and several applications running on Linux.
* Provide support to migrate from in-house single sign on to the Auth0 product.
* Troubleshoot application queries with performance problems.
* Review the data fix scripts from product team for accuracy to prevent data corruption and add additional code to make sure the changes can be rolled back.
* Provide database and Linux technical support to production, QA, and development teams.

Environment: Oracle 11g on AWS, PostgreSQL, SQL\*PLUS, PL/SQL, SQL\*Loader, Data Pump, SQL Developer, Data Modeler, Toad, Perl, bash, awk, sed, Red-Hat Enterprise Linux Server, Ubuntu Linux Server, splunk, Jira, Apache Subversion, Apache Tomcat, MogoDB, JSON, EDI,XML.

**CSC (Washington, DC) January 2012 – October 2015   
Oracle Development DBA/Senior Oracle Developer**

* Install, configure, upgrade, and applied patches to several Oracle databases 10g, 11g and 12c instances on Solaris, Linux and Windows.
* Perform database cloning.
* Design, develop, test, deploy and maintain PL/SQL Stored Procedures, Packages, Triggers and Functions.
* Database instance and query Performance tuning.
* Design and developed application to archiving historical data for Siebel CRM application using PowerShell, PL/SQL and SQL scripts.
* Daily monitor the database connectivity, backups, events, volumetric, security, and performance.
* Developed password security function to enforce DHS requirement for strong passwords.
* Implemented database security enhancement to DHS standards.
* Developed application to monitor database user password expiration with email notifications to admin and users.
* Developed application to monitor jobs execution and report hung job situations via email.
* Developed database backup and recovery scheme using RMAN in windows and Linux environments.
* Install and configure SQL Server 2008 R2 on Windows 2008 Servers.
* Install and configure several MySQL databases in Cloud Environment.
* Create data load scripts to automatically receive and load several data files from other applications into MySQL in Cloud Environment.
* Streamlined and automated several manual processes to speed up user ad-hoc requests.
* Written several PowerShell scripts to automate several tasks in Widows environments.
* Using Agile methodology in all applications development.
* Performed data analysis, applied normalization techniques, created data models across multiple database management systems (Oracle, SQL Server, and MySQL) and create conceptual, logical and physical data models using Erwin.
* Participate in application design and enhancement sessions and provide technical expertise and best practices to improve application’s response time, scalability and maintainability to the developers.

**Environment:** Oracle 10g, 11g, and 12c, SQL Server 2008 R2, MySQL Community Edition, SQL\*PLUS, PL/SQL, SQL\*Loader, DataPump, Oracle Enterprise Manager, SQL Developer, ERwin, Toad, Perl, bash, awk, sed, Windows Servers, PowerShell, Red-Hat Enterprise Linux Server, CentOS Linux Server and Windows 7 and XP, TFS.

**VeriSign (Sterling, VA) June 2011 – December 2011   
Oracle Developer/DBA**

* Install, configure, upgrade, and applied patches for Oracle database 10g and 11g on Linux and AIX servers.
* Install, configure, and troubleshoot Grid Control on Linux and AIX
* Install and configure OEM agents on Linux and AIX development servers.
* Install and configure Oracle Streams.
* Develop Bash scripts to automate several developments DBA day-to-day functions, these scripts are used to create new databases, and customizing production data for development use (Shrink), created script to generate test data to match test case scenarios.

**Environment:** Oracle 10g and 11g, SQL\*PLUS, PL/SQL, SQL\*Loader, DataPump, Streams, Toad, Bash, AWK, SED, AIX, Red-Hat Enterprise Server and Windows 7, Perl, StarTeam.

**Sunrise Senior Living (McLean, VA) Mar 2008 – June 2011   
Senior Oracle, SQL Server, and ETL Developer**

* Design, development, coding, testing, debugging of ETL applications for Human Resource, Payroll (ADP), Purchasing (PeopleSoft), General Ledger (PeopleSoft) products using SSIS, PL/SQL, and SQL scripts.
* Hands-on new development as well as support, maintenance, and enhancement to the existing applications.
* Converted several existing ETL applications from DTS and DataStage to SSIS, SQL Scripts, External Tables, PL/SQL packages and procedures and Unix Shell scripts.
* Work closely with clients, business owners to identify and specify complex business requirements and processes.
* Research and evaluate alternative solutions to technical problems and made recommendations.
* Assisted other developers with SQL tuning, database objects design and creations.
* Created Installation Guides for in-house developed applications, Installation check lists to be used by production support team members, DBA, migration team members, also performed code reviews on PL/SQL and SQL scripts.

**Senior Application Support**

* Provided production support to Pivotal CRM application from CDC Software.
* Provided production support to Billing application from Answer on Demand.
* Coordinated and communicated with the software vendors and users community in day-to-day operations and software upgrades and patch installations, resulting in high user satisfaction.
* Provided support for several applications that were developed in-house.

**Environment:** Oracle 10g and 11g, SQL Server 2008 R2, SQL Server Integration Services (SSIS), SQL Server Reporting Services, VisualBasic .net, Excel Macros, DataStage, Erwin, SQL\*PLUS, PL/SQL, SQL\*Loader, Transact-SQL, Toad, Shell scripts (KSH, BASH, SH), AWK, SED, Sun Solaris 8, HP-UX, Red-Hat Enterprise Server and Windows NT/2003/2008, Perl, SourceSafe.

**Sprint-Nextel Inc. (Reston, VA) Apr 2003 – Mar 2008   
Sr. Oracle Software Developer**

* Designed, developed, tested, and documented software to support **Supply Chain, General Ledger** and **Financial** applications.
* Designed and developed application for the Marketing Department to keep track of customer’s behavior and payment history in six-month rolling windows.
* Designed and developed ETL software for the Sprint Tax Department to meet the requirements set forth by the Sarbanes-Oxley Act for validation of tax data.
* Designed and developed Premier Club application to maintain the Premier Club customers. The application selects customers based on criteria set forth by marketing department. Once the customer is selected to join, the application automatically re-evaluated them monthly to see if any should be promoted within the club to receive better services or suspended due to non-payment or payment delay. The application significantly boosted customer loyalty.
* Designed and developed a scoring board application called “NEO” for the CRM department. NEO score customers based on number of phone handsets, payment history and other criteria. Information provided by this application was utilized in offering the customers new incentives that helped expand the customer base and increase profits.
* Designed and developed application to manage historical data for the General Ledger application.

**Environment:** Oracle 9i/10g Database, Erwin, SQL\*PLUS, SQL, PL/SQL, SQL\*Loader, Oracle External Tables, Pro\*C, Toad, Shell scripts (KSH), AWK, SED, Sun Solaris 8, HP-UNIX and Windows NT/2000, Perl, CVS.

**eSoftmatic, Vienna, Virginia <span style='font-size:10.0pt;font-family:Verdana;color:#000000'>Mar 2002 – Apr 2003**

**Oracle Development DBA**

* Responsible for Installation, configuration, maintenance of Oracle Database 9i on Solaris, Linux, and Windows Servers.
* Designed and implemented logical and physical Data Models for the GSA FIST application using Erwin.
* Provided support to developers regarding the coding standards, best practices and data models, SQL queries performance tuning, user accounts creation and backup and recovery strategy for the Database and Solaris Servers.
* Applied Oracle database and Solaris server patches.
* Created software using Perl and XML to generate database TRIGGER to capture audit data.
* Developed PL/SQL, JAVA, and Perl routines to clean and convert legacy Lotus Notes data to Oracle.
* Monitored database performance to identify bad queries and bottlenecks.
* Worked with developers to tune and enhance the application performance.
* Conducted database and application load tests.

**Environment:** Oracle 9i database, PL/SQL, Erwin, JDeveloper, Struts, OC4J, BC4J frameworks, Oracle 9iAS, JSP, EJB, CVS, RCS, XML, HTML, and JavaScript on Sun Solaris Server, Red-Hat Linux, and Windows Server.

**OmniSolve, Great Falls, Virginia <span style='font-size:10.0pt;font-family:Verdana;color:#000000'>Oct 2001 – Mar 2002**

**SQL Server DBA**

* Provided overall application architectural design.
* Installation, configuration, maintenance of SQL Server 2000 on Windows Server.
* Designed and developed data conversion routines to convert legacy data from DMS-II to SQL server.
* Created User Guide and Installation Guides and provide training to the GSA application administrators.
* Performed database backups.
* Conducted database and application load tests.

**Environment:** SQL Server 7, 2000, IIS, JSP, SourceSafe, JavaScript on Windows Server.

**Sprint, Reston, Virginia <span style='font-size:10.0pt;font-family:Verdana;color:#000000'>Mar 2001 – Oct 2001**

**Senior Software Developer**

* Provided overall application architectural design for Percent Utilization Pricing (**PUP**) application.
* Developed both Front-end and Back-end modules.
* Created User Guide and installation Guide documentation. Perform Database Backups
* Developed routines to collect data from CISCO routers and load them into Oracle Tables

**Environment:** Oracle Database 8i, Java, IIS, Oracle Application Server OAS 4.8.1.

**Teligent, Reston, Virginia <span style='font-size:10.0pt;font-family:Verdana;color:#000000'>Aug 2000 – Mar 2001**

**Oracle and Microsoft SQL server DBA**

* Installed, upgraded, and maintained several MS SQL Server 7 databases on Windows NT.
* Installed, upgraded, and maintained Oracle on Solaris and Windows NT.
* Conducted SQL and Server performance tuning on the webOF application, in one occasion improved query response time from minutes to seconds.
* Installed Database and Windows Server patches.
* Provide technical support to the development team to promote maintainability, scalability and improve application response time.
* Provided support to the Data Warehouse team to extract, transfer, and load (ETL) for sales, provisioning, billing, trouble reporting and tracking data from SQL Server, Informix, and DB2 into Oracle using the DataStage

**Environment:** Oracle Database 8i, SQL Server 7, KSH, awk, perl, IIS, sourceSafe, Informix, DB2, DataStage, Windows Servers, HP-UX and Solaris.

**Sprint, Reston, Virginia <span style='font-size:10.0pt;font-family:Verdana;color:#000000'>Jan 1997 – Aug 2000**

**Senior Oracle Developer/Senior Oracle Web Developer**

* Designed, developed application (PCA) to manage the Sprint’s Frame Relay switches, the GUI was user friendly and intuitive and was awarded the best in-house application, thisapplication was developed using the Oracle Forms and Reports.
* Provided load and system tests for the PCA application.
* Developer to converted a character based legacy application written in Pro\*C to web based application using Oracle PL/SQL Server Pages (PSP) technology.

**Environment:** Oracle Database 8, C, Pro\*C, KSH, awk, CVS, Oracle Forms, HTML, Oracle Reports, Oracle Application Server, PL/SQL, SQL.

**MCI, Arlington, Virginia <span style='font-size:10.0pt;font-family:Verdana;color:#000000'>May 1995 – Jan 1997**

**Senior Oracle Developer/Load test specialist**

* Provided UNIX and Oracle technical support to testing team and facilitating the testing process by creating production-like environment in Mid-Range servers.
* Developed LoadRunner scripts to simulate heavy load the database and the application servers. These scripts were used to reveal application’s performance problems and bottlenecks.
* Developed a program using Pro\*C, (similar to SQL\*Plus) that would accept any SQL query but display the output in name=value format, this is to help the testing team to quickly identify changes that were made to the data during update and inserts operation.

**Environment:** Oracle Database 7 and 8, PL/SQL, SQL, LoadRunner, KSH, awk, CICS COBOL (mainframe) using VSAM files to the MicroFocus CICS COBOL (midrange), C, Pro\*C, HP-UX, Sybase, AIX on HP and IBM-SP2

Additional work experience is available upon request.

**REFERENCES:**

**Available upon request**