**Earl H. Black** hldsconsulting@gmail.com **(404) 964 5953**

**Seeking Oracle DBA/Architect/Performance Tuning situations as Remote Access assignments only.**

**No consistent travel, but a small amount of travel to client for training/meetings/liaison is acceptable.**

* A proven professional specializing in Performance Tuning of Oracle and SQLServer RDBMS.
* Oracle DBA/Architect is primary focus with SQLServer as a secondary skill.
* Architecture, Administration and Performance Tuning of Oracle (12c-8i) and SQLServer (2005/2008).
* Data Modeling, Logical and Physical Design, DDL deployment of OLTP and DSS/DW instances.
* Oracle/Peoplesoft/BANNER/Workbrain Oracle Instance Administration and Performance Tuning.
* Application design and development for Oracle (PL/SQL & SQL) and SQLServer (TSQL,ISQL).
* SQLServer 2012/2008/2005 Administration including SQLServer to/from Oracle database conversions

and application migrations. Peoplesoft Application stack (Tuxedo , Websphere and Weblogic)

configuration and performance tuning. Oracle Application Server (OAS) administration and tuning.

**TECHNICAL SKILLS:**

**Databases:** Oracle 13c/12c/11g RAC, MS SQL Server 2016/2014/2008, MySQL

**Web Servers**: WebLogic , WebSpheres , Apache

**OS:**  AIX , Sun Solaris, HP-UX, Linux, MS Windows

**Languages:** PL/SQL/SQL script, TSQL/ISQL, Java/J2EE, Unix Shell Script (various)

**PeopleSoft:** H R 8.x/9.x , Financials 8.x/9.x , CRM 8.8, Tuxedo

**Design Tools**: Erwin, Oracle Designer, Dreamweaver CS4

**Admin Tools:** OEM/Grid (11g/12c/13c) , Toad DBA, SQLServer Management Studio

**EXPERIENCE:**

06/12 to **Current Client** Oracle DBA Platform: AIX/Windows

Current Oracle DBA for multiple Oracle 11g/12c RAC instances supporting BAAN and custom Applications.

Migration of in-house applications to Production. Configuration and problem analysis of PL/SQL

applications. Site health checks and best practices implementation. Heavy Developer liaison.

Application and Instance Performance Tuning (OLTP and DW). OEM 13c used for Instance control.

08/11 to **EDUCATIONAL ASSOCIATES LLC** Oracle DBA/DeveloperPlatform: Unix/Linux/Windows

06/12 Oracle 10g/11g Performance Tuning supporting multiple remote sites. Application and Web Server load

analysis and tuning. Logical/Physical Data Modeling using ERWin. Oracle 11g optimizer bug analysis.

OEM/Grid , ASH, AWR, ADDM, STATSPACK, SQL trace/TKPROF utilized to direct tuning efforts.

Extensive SQL Tuning involving NF modification of application to achieve maximum performance.

Developer and end-user liaison in support of schema optimization. Authored technical documentation.

01/10 to **MOOTV** Oracle/SQLServer DBA/Architect Platform: Windows

12/11 Design, Coding, Deployment of Warehouse management system for leading Video Production House.

Application DDL conversion (Oracle 10g to SQLServer2008). HTML and ASP web page authorage using Adobe Dreamweaver CS4. SQLServer2005 / SQLServer2008 Administration and Upgrades. Logical and

Physical Application object modeling including translation of Logical model into Physical/SQLServer DDL.

ETL management and Data certification. SQLServer and ASP/ASP.Net architectural and process design.

09/09 to **HEALTHWAYS** Oracle DBA Platform : HP-UX

01/10 Oracle DBA for multiple instances HP-UX/Oracle 10g/11g site. Provisioning and support of Development

Groups, Schema Evaluation and Deployments for OLTP and DSS/DataWarehouse environments.

Performed duties of Production DBAs during new system deployment, freeing staff for rollout.

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01/09 to **CLINICAL RECORDS GROUP** Oracle DBA Platform: Linux/Unix

08/09 Oracle DBA for Health Level 7 (HL7)-based medical records consolidation project. Performed Extract,

Translate, Load (ETL) from legacy systems to Oracle 11g RAC. PL/SQL and Java/J2EE code review and

Tuning. Data Modeling and Schema design using ERWin. Mentored staff transition to Oracle11g.

11/08 to **NASSAU CTY NY GOVT/ACCENTURE** Oracle DBA Platform: Solaris/Linux/Windows

01/09 Performance tuning on Oracle10g/Workbrain installation for T&L project (Accenture/Nassau Cty, NY).

Extensive use of Oracle SQL\_Tuning Advisors and hand-crafted performance tuning scripts. Code reviews. Application is JAVA/J2EE-based connecting via JDBC thin client. Extensive Application DDL modeling and 2NF/3NF modification. Liaison with DBA staff to convey best practices and techniques.

08/07 to **HLDS INC.** Multiple projects Oracle DBA/ArchitectPlatform: Solaris/Linux/Windows

11/08 Architect and Configurator for a high availability Oracle 10g RAC installation (3 nodes).

Performance tuning and troubleshooting on Oracle 10g/ PeopleSoft 8/ WebLogic 8 installations.

DSS/DataWarehouse Design and Schema Generation. ETL and Oracle Streams management.

SQLServer 2005 to Oracle 10g conversion including object creation, data loads and TSQL to PL/SQL

code conversion. Trained SQLServer DBAs in Oracle 10g Administration and “Best Practices”.

Data Modeling and DDL deployment using Erwin r7.2 to support Banner development group.

Extensive Java Application tuning (Code and embedded-SQL) for OLTP system.

03/07 to **USG** Oracle/PeopleSoft DBAPlatform: HP-UX

08/07 Oracle/PeopleSoft DBA for HR 8.48 Peopletools upgrade. Configuration, tuning and cloning of multiple

Oracle 10g/Peoplesoft HR databases for PeopleTools 8.49 upgrade. Performance tuning on HR and

Financials environments. Oracle 10g Grid advanced features (ADDM, SQL\_TUNING\_ADVISOR).

Oracle 9i to 10g upgrades. Shell scripting, multiple environment deployment, troubleshooting.

09/06 to **JTV** Oracle DBA Platform**:** HP/UX

02/07 Oracle DBA for leading internet/TV jewelry auction/sales site. Oracle 10g RAC OLTP/DW

Performance Tuning and DSS/DW Data and Process modeling using ERWin. SQL and PL/SQL coding.

Fast-refreshable Materialized view configuration and Instance/Application SQL Tuning.

Oracle database and Application-level tracing. Materialized view object design/deployment.

05/06 to **COBB ENERGY** Oracle DBA Platform: Solaris

08/06 Oracle /Banner DBA for Utilities Billing conversion project. Extensive Performance Tuning and

troubleshooting of Java Application (Code and SQL). Optimization of conversion code.

Data Modeling/ Design (ERWin) of Oracle-based billing schema to support new business criteria.

03/05 **CS ASSOCIATES** Oracle DBA Platform: Various Unix/Linux

to 05/06 Performance tuning on PeopleSoft 8/ Oracle 9i/10g/ WebLogic7x/8x /WebSphere 5x/6x installations.

Logical/Physical ERD to Physical DDL conversions using ERWin. Heavy developer and user liaison.

Remote access for multiple high-profile clients. Extensive Peoplecode analysis and tuning.

Achitected, designed and deployed Oracle objects (Tables, Views, Materialized Views).

Heavy use of SQL\_TUNING\_ADVISOR, ADDM and Toad DBA for tuning activities.

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01/05 to **REGIONAL BLOOD BANK** Oracle DBAPlatform: HP-UX/Linux/XP

03/05 Oracle DBA. Installation, configuration and user-acceptance support for a donor intake system utilizing

Oracle 9iAS/9i and Oracle 10iAS/10g infrastructure. Performance tuning and knowledge transfer.

06/04 to **AMERICAN STANDARD** Weblogic Administrator Platform: HP-UX

01/05 Weblogic administrator in support of Enterprise-wide Workbrain Time and Labor Project.

T&L project used Workbrain as a central application tool. BEA/WebLogic administration and tuning.

Sarbanes-Oxley compliance documentation. Support of Workbrain time and labor site.

11/03 to **SUREBRIDGE, INC.** Oracle/ PeopleSoft 8 DBA Platform: HP-UX/Linux/Win2000

06/04 Oracle DBA / PeopleSoft 8 Consultant for numerous clients (HR and Financials 7.5 – 8.8) on various

platforms (93 n-tier environments). Remote hosting and administration of DB, AS and WS tiers.

Extensive upgrade, administration and tuning efforts involving Oracle Database, Tuxedo and WebLogic Servers. Citrix admin and troubleshooting. SQR, nVision and PSQuery performance evaluation and tuning. PeopleSoft Portal 8.4 tuning and stress testing.

07/01 to **PEOPLESOFT CONSULTING** Oracle/PeopleSoft 8 DBA/Consultant Platform: Unix/Linux

10/03

* Senior Technical Oracle DBA/Certified PeopleSoft 8 Consultant - Responsible for a number of technical areas including administration, performance tuning, Tuxedo/BEA Weblogic server implementation, upgrades and implementations at various client sites including InterAmerican Development Bank, Verizon Wireless, Baptist Children’s Hospital, Syngenta, ING, WMI.
* Upgrades and Performance Tuning – Tools and Application upgrades, analysis and tuning for various 7.X to 8.X projects (10+). Extensive CRM Configurator analysis and tuning.
* Analyzed and re-designed Oracle Table and Index schema objects for efficiency. Tuned and re-configured Oracle , Application and WebLogic WebServer tiers resulting in drastic reductions of run times for mission-critical applications. Received commendation from CTO and Project management. Revised CRM 8.8 database object definitions and application queries to meet best practices guidelines .

Client Performance Improvement Examples

* **Verizon**: Tuned CRM 8.8 Configurator queries, reducing execution time from 10 seconds to 10 milliseconds. Reduced CRM 8.8 Configurator submittals from 3 minutes to 5.62 seconds.

This reduced the overall execution time for critical operations from 12+ hours to 3 hours.

* **Syngenta**: Tuned and Reconfigured Oracle DB, Tuxedo and Weblogic tiers resulting in a reduction of Payroll run times of 65%.
* **Baptist Children’s Hospital**: Performed extensive application SQL tuning and Oracle Database configuration resulting in reduction on Payroll run times from 10 hours to 3.5 hours.
* Configured and Administered Application server including evaluation and tuning problem SQL and SQR Queries. Created Custom PeopleSoft Application Security Logging and Reporting. HRMS/Payroll Tuning, PeopleTools. Identified and Remedied Oracle Performance Bottlenecks. Identified and tuned long-running Payroll Queries. Analyzed and Tuned Application Server and BEA WebLogic .

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**CONTRACTUAL ASSIGNMENTS:**

1983 to **NASA/MSFC, SPECTRUM TELESIS, FLEETGUARD NELSON, EQUIFAX**, **LHS COMMUNICATIONS,**

2001 **NORTHERN TELECOM, SOUTHERN COMPANY SERVICES, AMERICAN HEALTH CALLS, BRITISH TELECOM**

Oracle DBA/Designer/Systems Analyst Platforms: HP-UX, Sun Solaris, AIX, Vax (VMS)

* Evaluation, modification and certification of Tru64 Unix and Oracle8i (8.1.7) system configuration. Extensive PL/SQL tuning. NET8 tuning and trouble shooting. Oracle Parallel Server (OPS) configuration and tuning analysis. Configuration and Tuning of Real Application Clusters (RAC). Extensive Troubleshooting and Tuning. Information resource for Prototype development involving JAVA and Oracle8i/9i interaction.
* PL/SQL coding, Unix scripting to facilitate Vertex Tax Accounting batch processing.
* Oracle DBA for SCT BANNER Utility Billing Application using Solaris/Oracle on Sun Cluster. Administered BANNER Security (BANNER CIS 2.2.1). Administered Oracle Replication. Extensive Performance tuning and SQL\*NET troubleshooting.
* Oracle/PeopleSoft DBA supporting Oracle 7.3/PeopleSoft 5.1 HR and Financials 6.0 forY2K bug fix. Heavy PeopleSoft Tools and Security involvement. Tuning and Troubleshooting on 400 GByte Production Database. PeopleSoft 7.5 Administration and Configuration. Migrated Oracle 7.X databases to Oracle 8.1.5. Mentored DBA group. User and development support.
* Oracle DBA /Lead PL/SQL Developer/OS administrator. Converted application from Sybase TSQL to Oracle PL/SQL Installed/Administered/Upgraded Solaris. Extensive Database analysis and tuning. Call center (Help desk) support. Created System documentation.Designer/Developer . Logical and Physical design of National Telecommunications Data Exchange (NTDE) product using Oracle 7.1.4 . Created Data Flow Diagrams (DFDs) and authored formal design documentation. Designed and coded NTDE credit reporting modules using PRO\*C. Extensive focus group/staff/user interaction. Led RAD design group sessions.
* Created integrated "intelligent" backup and restore utility for multi-Node SCS Oracle Network. Analyzed Data Flow Diagrams (DFDs) and created Oracle Indexes and DB Triggers to enhance system performance. Performed Physical and Logical Database design, created indexes and referential integrity structures and performance-tuned database. Created and managed system backup and recovery procedures. Designed and Coded "intelligent" data transfer between AS400 and RISC6000 using PRO\*C.

SQLServer/Sybase/Oracle DBA/Developer/Unix/LAN Administrator

Platforms**:** Sun Sparc/Solaris, SunOS, IBM RISC 6000/AIX,DEC 5500 RISC/ULTRIX, STRATUS/VOS, SCO XENIX on IBM/RT, DEC 5500 RISC/ULTRIX,VAX Cluster / VMS

* Logical and physical design of SQLServer 4.2 NLM database using ERwin 2.2 . Enforced business rules and RE constraints via TSQL triggers. Created data-entry and display modules using Powerbuilder 3.0. Extensive staff and user support
* Integrated multiple databases under Solaris/SunOS for Financial application using Gupta SQLWindows 4.0 GUI over Novell LAN 4.1. Installed/Upgraded Solaris/SunOS and Databases. Oracle and Sybase DBA. Addressed complex connectivity and performance issues relating to multiple databases Architectures.

**EDUCATION:** University of Tennessee-Knoxville BSCS (Computer Science)

**CERTIFICATIONS:** PeopleSoft Certified Technical Consultant

**TRAINING:** Sungard BRM 1.4 Administration PeopleSoft 8.4 App Server

PeopleSoft 8.4 Data Management Tools & Upgrade PeopleSoft 8.16 Security

PeopleSoft CRM 8.8 Configurator Workbrain J2EE Technical/Developer