

ORACLE TEAM RESUME

TEAM PROFILE

At Pythian, we have some of the best, most respected Oracle professionals in the industry, available on-demand to support and optimize your most complex, challenging, and mission-critical Oracle environments. As industry pioneers and thought-leaders, we participate in beta programs, customer advisory boards, and partner advisory programs. With Pythian onboard, you'll work with top industry DBAs, who consistently deliver the highest standards of technical competence, client responsiveness, service continuity, reliability, and business value.

SKILLS AND EXPERIENCE

- High availability
- Performance tuning
- Proof of concept
- Performance evaluations and benchmarking
- Infrastructure planning
- Consolidation evaluations and implementation
- Application-to-database interaction
- Capacity planning
- Database and data center migrations
- Database upgrades and backups
- Data mining and reporting
- Data modeling
- Data warehousing
- Oracle support liaison
- Security audits
- Logical and physical database design, installation, configuration, and maintenance
- Moving and transforming data
- Partitioning
- PL/SQL development support
- Problem resolution and root-cause analysis
- Replication solutions
- Review and development of backup and disaster recovery strategies

AREAS OF EXPERTISE

Engineered Systems

- Oracle Exadata
- Oracle SPARC-based systems and SuperCluster
- Oracle Database Appliance
- Oracle Big Data Appliance
- Oracle Exalogic
- Oracle Exalytics
- Cloud (Oracle Cloud, Amazon Web Services, Microsoft Azure)

Oracle Core Technology

- Oracle RDBMS core support
- Oracle Real Applications Cluster

- Oracle Real Application Testing
- Oracle Enterprise Manager
- Oracle Data Guard
- Oracle Automatic Storage Management
- Oracle Multitenant
- Oracle In-Memory

Oracle Apps

- Oracle E-Business Suite

Fusion Middleware

- Oracle WebLogic
- Oracle Identity & Access Management
- Oracle BI Enterprise Edition (OBIEE)
- Oracle BI Apps (OBIA)
- Oracle GoldenGate
- Oracle Data Integrator (ODI)

Cloud

- AWS EC2
- AWS RDS
- Microsoft Azure
- Oracle Cloud

CERTIFICATIONS

All of our Oracle database consultants are active community members, who hold multiple certifications and designations, including:

- Oracle Certified Master
- Oracle Certified Professional
- Oracle Certified Expert
- Oracle ACE, ACE Director, and ACE Associate
- Oracle Developer Champion

Specializations

Pythian is an Oracle Platinum Partner in the Oracle Partner Network (OPN) and has achieved specializations in the following areas as a demonstration of business and technical competency as an Oracle partner:

- Oracle Database
- Oracle Exadata
- Oracle Real Application Clusters
- Oracle Enterprise Linux
- Oracle Enterprise Manager
- Oracle GoldenGate

- Oracle Data Warehousing
- Oracle Database Performance Tuning

INDUSTRY RECOGNITIONS AND AWARDS

- Oracle North America Titan Award for Oracle Exadata
- Best conference white paper - Oracle Identity Management (SAOUG)
- Best new overseas speaker (UKOUG)
- Best UK speaker (UKOUG)

COMMUNITY CONTRIBUTIONS

Select Conference Speaking Engagements

Oracle OpenWorld, UKOUG, DOAG, AUSOUG, OAUG, NoCOUG, Collaborate, RMOUG, and many more. Pythian has presented hundreds of papers, articles, and sessions on Oracle-related technology

- Co-host the Annual Blogger's Meetup at Oracle OpenWorld with Oracle
- Technology Network
- Staff participate as members of the board of IOUG
- Organizers of OTN Latin America Tour Participate in Oracle special interest groups: Oracle Exadata SIG & Oracle RAC SIG
- Organizers of OTN EMEA Tour
- The Technical Blog on Pythian.com is home to a large amount of Oracle content by some of the industry's leading Oracle experts

Sample Presentation Topics

- Differences between Oracle Database 11g and 12c
- Administration of Oracle Database 11g and 12c
- Oracle Exadata X4 Architecture
- Oracle Database 12c—Users, Roles and Privileges
- Oracle Exadata Architecture
- Oracle SOA and Business Agility
- DATUM & Oracle--SOA/BPM
- Oracle Database 12c New Features
- Workshop on Database Vault and Oracle BI
- Oracle Performance Tuning
- SQL Plan Management
- DevOps for DBAs
- Streaming Oracle to Apache Kafka

Select Published Works

Books

- Oracle: A Beginner's Guide (original work with eight revisions and translated into 17 languages).
- Pro Oracle SQL
- Oracle Tuning (original work with four revisions and translated into four languages).

- Oracle Data Warehousing (original work with two revisions).
- Oracle 12c: Install, Configure, and Maintain Like a Professional.
- Oracle Database 11g/12c All-in-One Exam Guides
- Oracle SQL Fundamentals 11g/12c Exam Guides

Published Articles

- Published multiple articles in IOUG Select Journal, Database Trends and Applications magazine, NoCOUG Journal, Oracle Profit Magazine, Oracle Magazine, and many more.

PROJECTS COMPLETED

Availability

- Implemented Oracle Data Guard backup and recovery strategies and methods using the native RMAN tool to ensure business continuity and protection of critical data, saving \$10 million dollars by retiring a vendor tool.
- Provided Oracle database patches/upgrades with zero downtime using GoldenGate for a money movement service while providing a real-time reporting database and application entry points with no impact to online users.
- Implemented an Oracle disaster recovery solution for the core production system of a leading western European bank.
- Created a bi-directional replication solution using Oracle GoldenGate for high availability to support a single sign-on application used by internal and external customers.
- Performed a business-continuity plan switchover of a production database to a new colocation for an advertising application development company, which involved installing Oracle software and setting up a physical standby database. The old colocation facility was decommissioned after the new disaster-recovery site came into operation.
- Developed an automated data pump export solution in Oracle Apex.
- Designed and automated a non-managed physical standby environment for an Oracle database using shell scripting, RMAN, rsync, and cron jobs.

Cost Savings

- Performed a massive database upgrade and migration quickly with minimal downtime for a large manufacturing organization, saving them more than \$1 million in annual maintenance costs, beating their downtime window by 4 hours, improving business process speeds by 4x, and increasing capacity by 60%.
- Helped a company save approximately \$4M on storage, licensing, support, and administration by consolidating disparate application databases and legacy systems to an enterprise data warehouse.
- Designed and implemented a data archiving solution for a warehouse system, saving thousands of dollars in storage costs and improving performance and availability of the client's system.

Performance

- Optimized and maintained an Oracle environment with performance tuning of initialization parameters, disk I/O, and CPU utilization.
- Remotely tuned multi-TB Oracle databases, which solved problems created by widely varying data volumes, distributions, workloads, configurations, and transaction per second rates. Created ad-hoc database triggers to pinpoint the source of logical data corruption and initiators of poorly constructed or rogue queries.
- Designed and implemented an order revalidation system using Java, Oracle database, and Oracle EBS for a leading developer and supplier of automatic test equipment. Upgraded the Oracle e-Business Suite including migration of the middle tier improving performance by 20%.
- Analyzed critical performance of all Oracle databases and applications, query optimization, parameter analysis and testing, reorganization, physical tuning, and memory contention for a major European telecom provider.
- Made use of intelligent automation tools and processes to remotely monitor and manage a business-critical Oracle environment encompassing 300+ RAC & NON-RAC instances for a leading retailer.
- Designed and maintained a six-node active-active GoldenGate replication cluster for a mission-critical point-of-sale system for a large financial institution.
- Performed a one-week engagement with a large financial corporation that led to them meeting SLAs following an upgrade.

Security

- Provided special expertise and practical assistance in the investigation, evaluation, and interpretation of master data to ensure coherence, availability, accuracy, and security to meet information system requirements as part of an enterprise data integration project.

Migrations and Upgrades

- Designed and developed an automated build pipeline for database provisioning using ansible to help a customer migrate hundreds of databases across platforms and data centers to one standardized platform under tight deadlines.
- Evaluated migration tools and then developed, tested, and executed a plan to migrate a Primavera P6 installation from SQL Server to Oracle. The final solution required extensive knowledge of SQL scripts, the Oracle data dictionary, triggers, referential integrity, enabling/disabling constraints, SQL Server, Visual Basic, and Oracle's LOB data types.
- Migrated from an older Oracle 10.2.0.3 EE database on an AIX traditional filesystem to Oracle 11.2.0.3 EE on Linux 86x64 using ASM for a large domain registrar with a significantly restrained downtime. We increased efficiency by reducing the average CPU load by more than 60%.

- Migrated databases from 2k to a more efficient 8k block size for three mission critical application databases. This migration also included character set changes and an Oracle database version upgrade.
- Upgraded and migrated an in-house sales ledger application for the world's largest trade distributor of plumbing and heating products from an Oracle Forms 3 environment to a NUMA-Q Sequent server running DYNIX/ptx and Oracle Forms 6 three-tier environment.
- Migrated Oracle Database for global manufacturer of heavy equipment.
- Designed, implemented, and maintained the business-critical Oracle database grid infrastructure for a national mobile carrier in Macedonia.
- Upgraded Complex Multi Middle-tier Oracle E-Business Suite (EBS) with more than 150 boundary systems, from 11.5.10.2 to 12.2.5. This Oracle EBS database is a 4 node Oracle Real Application Cluster Database, which is upgraded from 11.2.0.4 to 12.1.0.2 as part of same project. Eliminated the need of Oracle Access Manager (OAM) setup for EBS Single Sign-on (SSO) feature by implementing a custom solution, which integrates Oracle EBS directly with their in-house SSO. This saved the client over 1 million in OAM licensing costs and even more in operating costs.

SELECT CLIENTS

- American Apparel, Inc
- Atmos Energy
- Canadian Resident Matching Service
- CareCentrix Inc
- CGI Group Inc.
- Commerz Finanz GmbH
- Crexendo, Inc.
- Data Commons
- Delmar International
- Digital River
- Essar Steel Algoma
- Fox Sports
- FreshDirect
- Giant Tiger
- Grasshopper
- InPho
- Microsemi
- MindGeek
- National Geographic
- National Pen Company
- Nexstar Broadcasting, Inc
- Nordion
- OneCall Inc
- Quickplay Media Inc.
- Rakuten LinkShare
- Radialpoint Safecare Inc
- Teachscape
- Ticoon Technology
- Toyota Motor Corporation
- Umpqua Bank
- University of Utah Health Care
- Worldwide Technologies