

# Ivan Luminaria

Born 18/10/1975, Roma · Italian citizen

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## PROFESSIONAL PROFILE

## Oracle DBA & Performance Tuning Expert

I keep mission-critical Oracle databases up when the business can't afford to stop.

POSTE ITALIANE: 1,500+ MySQL and PostgreSQL instances in production, staging and development, with monitoring, query tuning and enterprise-scale capacity planning. TIM/Huawei: 30+ critical Oracle databases (70+ instances on Exadata) supporting over 20 million prepaid mobile subscribers, ingesting up to 800 million records per day, <500ms SLA on critical queries. GENERALI: insurance Oracle databases from 500GB to 8TB with end-to-end performance tuning (AWR/ADDM).

Thirty years inside Oracle. AWR, ADDM, ASH, SQL Tuning Advisor, RMAN, ASM, Data Guard, Exadata, Autonomous, OCI. PostgreSQL and MySQL. What I bring: databases that don't go down and performance that holds as the data grows.

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## TECHNICAL SKILLS

- **Oracle Stack:** Oracle Database 8i → 21c · Exadata · RAC · Data Guard · Autonomous Database (ADB) · Oracle Cloud Infrastructure (OCI) · ASM · RMAN · TDE · Oracle Enterprise Manager (OEM) · Oracle GoldenGate (basic).
  - **Performance Tuning:** AWR · ADDM · ASH · Statspack · SQL Trace · TKPROF · Explain Plan · SQL Tuning Advisor · Hints · SQL Profiles · SQL Plan Management (SPM) · Memory Management (SGA, PGA) · Wait Events analysis · indexing (B-tree, Bitmap, Function-based) · partitioning (Range, List, Hash, Composite) · compression.
  - **High Availability & Security:** RMAN (Backup, Recovery, Cloning) · Data Guard (switchover/failover) · Flashback Technologies · TDE · user/privilege management · auditing.
  - **Installation, Patching, Migrations:** New instances · PSU/CPU/RU · version upgrades · cross-platform migrations.
  - **Other DBs & OS:** PostgreSQL (administration, performance tuning, partitioning, replication) · MySQL (admin, replication, InnoDB tuning) · Linux (RHEL, Oracle Linux), Unix (AIX, Solaris), Windows Server · PL/SQL · SQL · Unix Shell Scripting for DBA automation.
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## WORK EXPERIENCE

### 2021 – Present · IDEA DB CONSULTING S.R.L. — Rome, Italy (Full Remote Europe)

#### Senior Oracle DBA & Performance Tuning Expert / DWH Architect | Sole Director

- **MySQL & PostgreSQL DBA** (for POSTE ITALIANE) — *1 year*. 1,500+ MySQL and PostgreSQL instances in production, staging and development: performance monitoring, query tuning, replication management and enterprise-scale capacity planning.
- **Oracle DBA & Tuning Expert** (for GENERALI Assicurazioni) — *1 year*. End-to-end performance tuning on insurance Oracle databases from 500GB to 8TB: AWR/ADDM analysis, SQL optimization and proactive bottleneck resolution.
- **Oracle DBA** (for ATRADIUS) — *4 years*. Administration and performance tuning of Oracle databases supporting the Surety division DWH (4 European countries, 60,000+ lines of PL/SQL ETL), with full daily ingestion completing in under 2 hours in OCI.
- **Oracle DBA** (for FAI SERVICE) — *2 years*. Administration and tuning of Oracle 19c databases in OCI supporting ETL processes and Oracle Analytics Cloud dashboards.
- **DBA & Performance Tuning** (Banking, Telepass and other clients) — *1 year*. Oracle database optimization in OCI/Autonomous: batches brought from 4 hours to under 30 minutes on critical analytical workloads, datasets exceeding 2 billion rows, RMAN and Oracle OEM for backup and monitoring.

### 2020 – 2022 · NIMIS CONSULTING S.R.L. — Rome, Italy (Full Remote)

#### Senior Oracle DBA & Performance Tuning Expert (for TIM / HUAWEI) — *2 years*

Fleet of 30+ critical Oracle databases (70+ instances on Exadata clusters) supporting 20+ million prepaid mobile subscribers. Advanced performance tuning (AWR/ADDM/ASH), indexing, partitioning and compression; ASM for storage, TDE for data security, 24/7 on-call support for <500ms SLA on critical queries.

## **2013 – 2020 · FREELANCE / INDEPENDENT CONSULTANT — Rome, Italy (Full Remote Europe)**

**Senior Oracle DBA & Performance Tuning Expert / DWH Architect** (Consulting companies and Direct clients) — 7 years

Oracle DBA and Performance Tuning consulting for Banking, Telco and services clients: complex SQL query optimization, instance tuning, installation/patching/upgrade, RMAN backup&recovery, Oracle Data Guard for high availability and disaster recovery with switchover/failover procedures.

## **2009 – 2013 · AUSELDA AED GROUP S.P.A. — Rome, Italy**

**Project Oracle DBA / Performance & Tuning Expert** (for Public Administration) — 4 years

Administration and optimization of Oracle databases for Public Administration applications: SQL query and ETL process tuning for Data Warehousing systems, installation, patching and database security management.

## **1999 – 2009 · ORACLE ITALIA S.R.L. — Various Locations, Italy & Madrid, Spain**

**Oracle DBA / DWH Architect / SQL & PL/SQL Developer / Training Specialist** — 10 years

Administration of Oracle databases for major enterprise clients: TIM, Vodafone, Banca d'Italia, Generali. Growing responsibilities in SQL Performance & Tuning, troubleshooting, installation and patching. About 1 year of international experience in Madrid. Training Specialist on Oracle Database Administration and Performance & Tuning (2000-2001).

## **1997 – 1999 · S.EL.DAT. S.P.A. — Rome, Italy**

**Software Developer** (for Telecom, Rover Italia) — 2 years

Client-server application development for Telecom and Rover Italia, with first experiences as Junior Oracle DBA and database monitoring — the starting point of the Oracle journey.

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## **EDUCATION AND TRAINING**

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- **Faculty of Computer Engineering (Software Engineering)** — University of Rome Tre, Rome · 1994 – 2000
- **Scientific High School Diploma** (EQF Level 4) — Liceo Scientifico Isacco Newton / Manieri Copernico, Rome · 1988 – 1993
- **Advanced English (C1/C2)** — The British Council (Level 4A), Rome · 2003 – 2004

**Selected Training and Continuing Education:** Advanced SQL for Query Tuning and Performance Optimization — LinkedIn Learning (August 2020) · Data Wrangling, Analysis and AB Testing with SQL — Coursera, UC Davis (April 2021) · Oracle 12c specialization (Administration, Security, Backup & Recovery, Advanced SQL, New Features) — LinkedIn Learning (2020).

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## **LANGUAGES**

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**Italian** — Native · **English** — C1/C2 (Fluent, professional) · **Spanish** — C1 (Fluent) · **Romanian** — C1 (Fluent) · **French** — A1/A2 (Basic)

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## **SOFT SKILLS**

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Analytical and methodical problem solving · priority management and meeting deadlines · ability to work under pressure (production 24/7 on-call) · clear technical communication · attention to detail and precision · continuous learning and technological adaptability.

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Location: Rome, Italy

Last Update: June 2026

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