

Ivan Luminaria

Born 18/10/1975, Roma · Italian citizen

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PROFESSIONAL PROFILE

Oracle PL/SQL Developer

I write advanced PL/SQL for data-intensive applications and Data Warehouses that hold under load.

ATRADIUS: 60,000+ lines of PL/SQL ETL coordinated end-to-end, full daily ingestion brought from 4+ hours to under 2 with BULK COLLECT/FORALL and partition-aware DML. FINWAVE: PL/SQL packages for financial applications with millions of daily transactions. Banking + Telepass: PL/SQL code optimization with Hierarchical Profiler on data-intensive workloads over 2 billion rows.

Thirty years inside PL/SQL. Packages, procedures, functions, triggers. FORALL, BULK COLLECT, Dynamic SQL, Analytic Functions, CTEs. Tuning with TKPROF, Explain Plan, SQL Profiles. Technical mentoring of junior developers. What I bring: PL/SQL code that runs data-intensive workloads without breaking points.

TECHNICAL SKILLS

- **Languages:** Advanced PL/SQL · Advanced SQL (Dynamic SQL, Analytic Functions, CTEs) · Unix Shell Scripting.
 - **PL/SQL Development:** Packages · Procedures · Functions · Triggers · Records · Collections · Object Types · Error and exception handling · Bulk processing (FORALL, BULK COLLECT) · Dynamic SQL (DBMS_SQL, Execute Immediate) · Hierarchical Profiler for code optimization.
 - **SQL Tuning:** Explain Plan · SQL Trace · TKPROF · Hints · SQL Profiles · query rewriting · indexes · understanding of database design impact on PL/SQL performance.
 - **Tools & DB:** SQL Developer · Toad · SQL*Plus · Oracle Database 8i → 21c · Autonomous Database · Oracle Cloud Infrastructure (OCI) · Git/GitHub.
 - **Related concepts:** Data Warehousing (ETL/ELT) · Data Integration · relational and multidimensional data modeling (Kimball, Inmon).
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WORK EXPERIENCE

2022 – Present · IDEA DB CONSULTING S.R.L. — Rome, Italy (Full Remote Europe)

Senior Oracle PL/SQL Developer & DWH Architect

- **PL/SQL Developer** (for ATRADIUS) — *4 years*. 60,000+ lines of PL/SQL code (packages, procedures, functions) for the Surety division DWH (4 European countries). Reusable PL/SQL templates with built-in checkpoints for real-time ETL pipeline tracking. Daily ingestion brought from 4+ hours to under 2 with BULK COLLECT/FORALL and partition-aware DML.
- **PL/SQL Developer** (for FINWAVE S.p.A.) — *2 years*. PL/SQL packages for financial transaction processing applications handling millions of daily operations; advanced query optimization and PL/SQL code tuning for high-volume financial data pipelines.
- **PL/SQL Developer** (for FAI SERVICE) — *2 years*. ETL procedures in PL/SQL on Oracle 19c in OCI for billing, customer segmentation and cost/revenue tracking; PL/SQL modules feeding Oracle Analytics Cloud dashboards with aggregated KPIs.
- **PL/SQL Development** (Banking, Telepass and other clients) — *1 year*. PL/SQL business logic packages for banking-sector DWH applications on datasets over 2 billion rows. PL/SQL code optimization with Hierarchical Profiler to identify bottlenecks on critical paths.

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

Senior Oracle DBA & Performance Expert with Development Focus (for TIM / HUAWEI) — *2 years*

Specialist support to TIM/HUAWEI development teams on Oracle Exadata databases: PL/SQL code and SQL query optimization for critical applications, analysis and tuning of high-volume PL/SQL batch processes, PL/SQL scripts for monitoring and administration tasks.

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

Senior Oracle PL/SQL Developer & DBA / DWH Architect (Consulting companies and Direct clients) — 7 years

Custom PL/SQL solutions for Banking, Telco and services clients: packages for ETL logic, data processing procedures, PL/SQL APIs, intensive optimization of PL/SQL and SQL code for existing systems, training and mentoring of junior developers on PL/SQL best practices.

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

Oracle PL/SQL Developer & DWH Specialist (for Public Administration) — 4 years

Development of PL/SQL components for DWH systems and management applications for Public Administration, with evolutionary and corrective code maintenance and optimization of ETL processes based on PL/SQL and Oracle Warehouse Builder (OWB).

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

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

Intensive PL/SQL development for DWH, BI and custom application projects for enterprise clients (Telco, Finance, Pharmaceutical): PL/SQL packages for complex business logic, ETL data loading procedures with Oracle Warehouse Builder, BI Reports and HTMLDB (Apex) interfaces. About 1 year of international experience in Madrid. Training Specialist on Oracle SQL and PL/SQL (Basic and Advanced) in 2000-2001.

1999 · ETNOTEAM S.P.A. — Rome, Italy

Web Developer / Oracle SQL & PL/SQL Developer

Web portals and client-server applications with strong interaction with Oracle databases, using SQL and PL/SQL for backend logic.

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

Software Developer / Junior DBA — 2 years

Client-server application development with Oracle backend and first experiences with SQL and PL/SQL — the starting point of the Oracle journey.

EDUCATION AND TRAINING

- **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: Project Management & Scrum Agile — Randstad/Forma.temp (May 2024) · Data Wrangling, Analysis and AB Testing with SQL — Coursera, UC Davis (April 2021) · Advanced SQL for Query Tuning and Performance Optimization — LinkedIn Learning (August 2020) · Oracle 12c specialization (Advanced SQL, New Features) + Learning Git and GitHub — LinkedIn Learning (2020).

LANGUAGES

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

SOFT SKILLS

Analytical approach and orientation to complex problem solving · writing clear, efficient and maintainable code · advanced debugging and troubleshooting · understanding of functional and technical requirements · effective collaboration in development teams · attention to detail and software quality · technical mentoring of junior developers.

Location: Rome, Italy

Last Update: June 2026

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