

Kamal Kumlien **Résumé**

Personal information

First name / Surname

Kamal Kumlien

E-mail

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Desired employment / Occupational field

I would like to work as a **database analyst / data architect**, with an aim to dealing with large, complex systems; in an heterogeneous environment.

It is important to me to **take part in decisions** concerning the development of the data model, but also concerning the applications around it, in close contact with management and architecture groups.

I appreciate working in a context of **ethical values, creativity and knowledge**.

I love to **create beautiful designs**, contributing to something useful, something that improves people's life and work.

Work experience

Dates

08/2008 →

Occupation or position held

Product Database Analyst

Main activities and responsibilities

- Main reference for **logical and physical data model** of new products
- **Define standards** for data and concurrency models, database configurations, client data interfaces – for both Product and ad hoc Projects
- Proactively improve usability and the effectiveness of the model
- Maintain interoperability and performance across different modules and applications
- Review and change Business Specs and **Technical Design documents**, in close contact with Product Management, Architecture and Engineering groups
- **SQL optimization and tuning**, and physical implementation of the data model on multiple DBMS platforms (mainly **Oracle, DB2 and SQL Server**)
- Review and improve **ETL and data migration** procedures (SQL, Talend, etc.)
- Analyze and diagnose **database issues** from Services and Customer Support groups, in particular with regard to performance, concurrency and availability
- Manage data model and documentation through **CA Erwin Data Modeler** and internal procedures

Technologies and tools: database optimizer and statistics, execution plans, trace and diagnostic tools (event monitors, fine grained auditing, LogMiner, etc.), data movement tools (internal, Oracle Data Pump, etc.), Apache Ant, Subversion, Jira, Confluence, SharePoint, Fisheye, continuous integration (CruiseControl), etc.

Name and address of employer

Norkom Technologies Group - Chapel House, 21-26 Parnell Street, Dublin 1 (Ireland)

Type of business or sector

IT / Software development

Dates	04/2002 - 06/2008
Occupation or position held	Oracle Database and GNU/Linux system administrator
Main activities and responsibilities	IT systems management for a consulting company that produces high tech software, responsibility of all production and development databases. <ul style="list-style-type: none"> • maintenance and tuning of Oracle databases (8i, 9i, 10g) • logical and physical data modeling, specifically optimized for a DSS/data warehouse environment • optimization of SQL and PL/SQL stored procedures • management of backup and recovery (RMAN) on disk / DDS tape autoloaders (Yosemite Tapeware, HP Data Protector) • contact with customers: technical consultancy and support for database issues (performance, availability, etc.), sometimes directly at their sites • evaluation of hardware/software systems to support ever-increasing computational and data loads • ETL operations (SQL*Loader, external tables, in-house procedures) <p>- Environment: Red Hat Enterprise Linux on HP and Dell in rack/blade configurations - Oracle technologies and tools: OCFS2, Label Security, Recovery Manager (RMAN), Enterprise Manager, SQL Developer, Designer - Other tools: virtual machines (VMware), version control systems (Subversion), issue/bug trackers (Bugzilla)</p>
Name and address of employer	Alef s.r.l. - Viale Regina Margherita, 169 Roma (Italia)
Type of business or sector	Consultancy (economics, finance) / Software development
Dates	10/2004 - 05/2008
Occupation or position held	Software developer
Main activities and responsibilities	Development of a business management, document and BI system . POIS (PHP Orders Invoices and Sales) is based on the "LAPP" solution stack (Linux, Apache, Postgresql, PHP); reports use the JasperReports library through the PHP/Java Bridge interface. The project started as a conversion of an old legacy COBOL system working in SCO UNIX OpenServer. This involved the creation of an ETL process to migrate data from COBOL's flat files to the new structured database.
Name and address of employer	Team's s.r.l. - Viale Appio Claudio, 248 Roma (Italia)
Type of business or sector	Commerce
Dates	06/2001 - 08/2001
Occupation or position held	Intern
Main activities and responsibilities	Study and testing of a VoIP platform for metropolitan area networks on fiber optics.
Name and address of employer	Ericsson Telecomunicazioni S.p.A. - Via Anagnina, 203 Roma (Italia)
Type of business or sector	Telecommunications

Education and training

Dates	12/2007 - 09/2008
Title of qualification awarded	Oracle9i Database Administrator Certified Professional (OCP)
Principal subjects / occupational skills covered	Instructor-Led Training: Oracle9i Database Performance Tuning Exams: - Introduction to Oracle9i SQL - Oracle9i Database: Fundamentals I - Oracle9i Database: Fundamentals II - Oracle9i Database: Performance Tuning
Name and type of organisation providing education and training	Oracle University
Dates	10/2001 - 11/2001
Title of qualification awarded	Oracle Database Administrator
Principal subjects / occupational skills covered	Advanced SQL and PL/SQL. Schema design. Users and privileges management. Processes, storage and memory structures. Network architecture. Backup and recovery basics. Principles of performance tuning.
Name and type of organisation providing education and training	OWS s.r.l.
Dates	03/2001 - 05/2001
Title of qualification awarded	UMTS network technician
Principal subjects / occupational skills covered	Telecommunications principles. Radio networks (analogue, GSM, UMTS). OSI model. IP networks.
Name and type of organisation providing education and training	Consorzio ELIS per la formazione professionale
Dates	11/2000 - 11/2000
Title of qualification awarded	Unix operator
Principal subjects / occupational skills covered	Basic knowledge of Unix (AIX environment).
Name and type of organisation providing education and training	Auselda AED group S.p.A.
Dates	10/2000 - 10/2000
Title of qualification awarded	PL/SQL Developer
Principal subjects / occupational skills covered	SQL and PL/SQL basic skills in an Oracle database.
Name and type of organisation providing education and training	Auselda AED group S.p.A.
Dates	09/1995 - 07/2000
Title of qualification awarded	High school diploma
Principal subjects / occupational skills covered	Mathematics, Physics, Chemistry, Life and Earth Science, IT. Italian/Latin/English language and literature. Philosophy, History, Geography. Design, History of Art.
Name and type of organisation providing education and training	Liceo scientifico "Gregorio da Catino" (Scientific high school)

Personal skills and competences

Mother tongue **Italian**

Other languages

Self-assessment
European level ()*

English

Spanish

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user
C1	Proficient user	B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

Contact with different cultures, my origins (Argentinian mother, Swedish father) and travel in Europe and Africa has led me to **respect diversities**.

A **10 years experience in an amateur theatre** company taught me how to communicate better and how to deal with a public.

I have had a couple of **volunteering** experiences:

- teaching GNU/Linux administration skills with an Irish organization, Camara, in Uganda (July 2009)
- doing recreational activities in hospitals with an Italian religious group (winter 2000)

Organisational skills and competences

As a personal capability I have **diplomatic aptitudes and good mediation skills**.

I have contributed to the creation of a student magazine and edited it for few years.

Technical skills and competences

Assemblage and configuration of PC's as a personal interest since 2000.

Computer skills and competences

- **Oracle DBA** (8i, 9i, 10g, 11g) **from 2002** and Postgresql DBA (7, 8) since 2005
- Excellent knowledge of the relational model, **SQL, PL/SQL**, PL/PgSQL
- Very good knowledge of **GNU/Linux** and Unix operating systems (Debian/Ubuntu, Red Hat/Fedora, Gentoo, Tru64)
- Good knowledge of **shell scripting** (bash) and **regular expressions**
- Good knowledge of **PHP, XHTML, CSS** (I occasionally make static and dynamic web sites, using open source content management systems as Drupal)
- I have great esteem for the open source community and open standards, as well as efficient, maintainable, portable and elegant code

Artistic skills and competences

Excellent writing skills in Italian, due to assiduous reading of novels and essays. I won an award from the Lazio administrative region for a writing about the Jubilee year 2000 event.

I have sung for 3 years in a **medieval and renaissance choir** and for 2 years in a rock/blues band.

Driving licence

Class B **driving licence** since 2004.