XAVIER BEAUME
Datawarehousing / BI Freelance Consultant

Data & ETL Architecture
Datawarehouse / Datamarts Design & Modeling
English, French and Portuguese speaker/writer

30 rue d'Issy
92100 Boulogne - Billancourt
France

French and Canadian binational
mobile: +33 6 60 06 60 26

url: http://www.beaume.org/beaumex/cv-us.html

email: xavier@beaume.org

COMPUTER SKILLS

Languages :	SQL, PL/SQL, T-SQL, C, Pro*C, Perl, Java/Groovy, shells & regex, XML/Jason, Python
Architecture :	Kimball & Inmon BI concepts; general knowledge in client/server, n-tiers JEE, EAI/SOA/ESB, PKI and BigData ecosystem.
Systems :	Unix / Linux & Windows over IP networks ; Ctrl-M, Dollar Universe
DBMS :	Oracle 7 to 12c, Sql Server 2012, Oracle Designer & DataModeler, PowerAMC, Embarcadero, Toad, OEM, Discoverer, SqlDeveloper, DWH/DMT & ER/dimensional modeling
ETL :	Talend TEDI 5.6 & 6.1, TOS 4&5, SqlServer Integration Services 2012 (SSIS), Informatica PowerCenter v7 to v9, Oracle Data Integrator (ODI, ex-Sunopsis) v10 to v12, Oracle Warehouse Builder (OWB)
Quality & Prj :	UML, Merise, MS-Project, Scrum, Mercury Quality Center
Devops :	Ansible, SCM/VCS : Svn/Subversion, Git, Serena Dimensions (PVCS), Clearcase, Team Foundation Software (TFS), Centreon/Nagios
Groupware :	Office, PowerPoint, Visio, Redmine, ServiceNow, Sharepoint, Exchange, Communicator/Lync, LotusNotes

FOREIGN LANGUAGES

French : native ; English (US) : fluent ; Portuguese (Br.) : fluent ; Spanish : working skills

BUSINESS AREAS

Financial Markets, Banking, Insurance, Public Finance, Accountancy, Telecom.

PROFESSIONAL EXPERIENCE (reversed chronology)

2005 - 2016   **BI / Datawarehousing Freelance Consultant**

- Managed production, architecture evolution et optimization of ODI (covering v10 to v12)
  Built a dynamic data flows cartography (consolidated out of ODI et $U repos)
  Standardized roll-out/go-live through ansible/sqlline/xldeploy and agents monitoring (150 within 5 environments, 20K runs a day, 1600 scenarios in production) ; developed Centreon/Nagios probes.
  Normalized incidents repository and corrective process follow-up.
  Animated a knowledge base upon Confluence.

(SGDBF / Point P, january 2017 to july 2018)

- Defined data integration platform architecture upon Talend Enterprise ETL (TEDI) along several applications migration from a massively PL/SQL legacy code and Talend community edition (TOS 5.6/Tomcat).

  Carried out upgrade from TIS 5.6 toward TEDI 6.1.

  Formalized code integration and roll-out process upon SVN.

  Designed relational and dimensional (SCD2 constellation) models of several data stores (ODS, DWH and ROLAP cubes) for LBP regulatory risk reporting covering both market and retail data.

  Promoted *ELT*-style design for large volume transformations (TB within Virtual Private partitioned DB based on reporting dates).

  Animated a technical knowledge internal community upon Redmine.

  (**La Banque Postale**, april 2014 to august 2016)

- Led ETL migration from Informatica to SSIS over data integration components (ODS, DWH, DMT).

  Defined to_be architecture and migration roadmap.
  Set up one-to-one, Sql-only, comparative testing model.

  Drove implementation team (4 outsourced developers + PM – flat rate) and managed LCM & roll-out streamlining between environments.

  Refactored history re-processing features, Infa mapplet simulation, xml generation.

  (**Carmignac Gestion, Change Management dept.**, february - july 2013)

- Designed and led implementation of Olympia DWH & DMT (Asset Management KPI's).

  Modeled snowflake ROLAP dimensional matrix with strong dimensional history reqs. (SCD6 = 1+2+3) and dimension hierarchies reusability needs (cubes constellation and cross-drilling features).

  Drove imlementation upon SqlServer Integration Services (SSIS 2012), SqlServer 2012 (Denali); Toad4MSSS ; XML, PowerAMC 16, Visual Studio, BI Developement Studio (BIDS) / SqlServer Data Tools (SSDT), SqlServer Management Studio, Team Foundation Software.

  (**Carmignac Gestion, Reporting dept.,** september 2012 – january 2013)

- Carried out architecture, design and implementation of Austerlitz ODS Austerlitz at Carmignac Gestion.
  Initial POC for robustness, traceability and leverage of repo meta-data upon native functionalities of Informatica 9.0.1
  Initiated and implemented an advanced interface with Ctrl-M.

  (**Carmignac Gestion, Change Management dept.,** january – july 2012)

- Audited and developed through Vendôme Datawarehouse (upon SqlServer 2008R2) on behalf of Change Management Dept. at Carmignac Gestion

re-architectured Informatica Services (v9.0.1) for availability.
Setup of an incident log and reporting process around DWH load.

(**Carmignac Gestion, Reporting dept.,** september - december 2011)

- Audited target data architecture in the context of a complete reengineering of RM's Information System (eBusiness, SalesForce.com, PeopleSoft).
Modeled upon Embarcadero of the subsidiary business requirements and analysed gap against ReedExhibitions group data model.
Recommended good practices about re-urbanization in the context of the aimed Enterprise Service Bus (ESB), a MDM setup for CDI and the future Datawarehouse.

(**ReedMidem**, march - june 2011)

- Prototyped a datamart upon ODI/Sunopsis v.11.1
Installed product on Windows & Linux Debian.
Installed Oracle 11.2 dbms, created db, Master & Work repositories and configured agent.
Designed Knowledge Modules (KM's) interfaces/mappings, packages and load plans ; deployed scenarios ; benchmarked many common ETL functionalities.

(Technology watch / self, 2010 / 2013 / 2016)

- Extended Manufacturing Process Management datamart at Bourbon (auto parts manufacturer) to sales process and forecasting.
Re-engineered the environmental architecture ; integrated flows from R&D ; designed new Olap cubes in respect to existing dimensional bus ; design & developed ETL process flows and mappings.

(**Bourbon Automobile**, november 2009 - july 2010)

- Defined QA environments and promotional methodology of project SàD at Antadir federation (medical support & logistics)
Normalized TNS model and actually deployed Oracle rdbms over seven client sites.
Architectured federated view model for SàD operational reporting.
Prototyped a replication model based on Oracle Streams.

(**Antadir Assistance,** april - october 2009)

- Audited Market Risk Management ODS on behalf of service support dpt. at ING Bank.
Trained and coached a development team during the whole cycle to go live of brand new Asset & Liabilities Management ODS.

(**ING Brussels,** june 2008 - march 2009)

- Designed and implemented a datamart upon procurement statistics of an auto parts maker, covering accountancy and production sites of eight european subsidiaries.
Trained and handed over to the company staff.

(**Bourbon Automobile,** october 2007 - march 2008)

- Designed and implemented data synchronization architecture upon OWB10gR2 in the context of a migration project toward two complementary ERP on behalf of Antadir Assistance medical support & logistics.

(**Antadir Assistance,** march - october 2007)

- Counselled an insurance broker on dimensional modeling, incremental extractions design, CDC (Change Data Capture) implementation and optimization upon OWB10gR2 and Oracle Streams.

(**Gras Savoye,** march - may 2007)

- Various expertise interventions at Fortis Insurance, Cap Gemini, Sanofi-Aventis, departmental administration of Bordeaux, Avolys training center of Rouen, Logi-tech of Nantes, SIIM 94 in Ivry.

(**Miscellaneous clients,** 2007)

- Re-engineered ODS / DWH / Datamart architecture at T-Online / Club Internet over OWB 10gR1 ; contributed to implementation, optimization and migration to 10gR2.

(**T-Online/Club Internet**, november 2006 - february 2007)

- Produced various training sessions on datawarehousing upon OWB 10gR2 within a regional administration in Nantes ; Oriented architecture, data modeling and development methodology of a departmental administration in Lilles with OWB 9i

(**Miscellaneous clients**, june - october 2006)

- Contributed to the definition of the datawarehouse architecture and development good practices over OWB 10gR2 at CdN bank.

(**Crédit du Nord,** november 2005 - may 2007)

2004-2005 June – Oct.	**DataWareHousing Consultant – Stock Exchange / Trading On Line**

THALES I.S. FINANCE SUBCONTRACTED TO CPR-ONLINE (CRÉDIT AGRICOLE), PARIS

Technical and functional migration (Oracle WareHouse Builder / OWB) of the middle-office DataWareHouse following the adoption of a new back-office provider.
Profiled data and elaborated data quality tests.
Re-engineered and modeled the warehouse and reporting tools referring to users and CIO.
Planned migration, switch time, production impacts (evolutions, deployments, job planning, automated objects push between quality environments over OMB+, etc.) collaborating with Geneva (database hosting) and NYC (DBAs)
Managed a senior developer.

2002 - 2003 Sept. – Nov.	**Support Manager of the Free Software Department**

IOS (INFORMÁTICA, ORGANIZAÇÃO E SISTEMAS), BRASÍLIA, BRAZIL

Organized system and network infrastructure, security and technical support; migrated all internal services to Linux platform (DNS, Samba, Ipchains, OpenLDAP, Postfix, Apache + MySQL/PostgreSQL, etc.); Recruited new engineers and leaded several prototypes implementations within the free software laboratory;
Participated to various open source / free software events.

1998 - 2002 July - July	**Project Leader - Integrated System of Public Finance Management: SIGFiP/Oracle (distributed execution of the entire national ivorian budget)**

C.R.I. SUBCONTRACTED TO OCM (GOVERNEMENT), ABIDJAN, IVORY COAST

Defined software architecture and quality process over 3 releases of the product assisted stakeholders in specifying/validating functional requirements for 3rd version; customized and exported 2nd release to Benin Republic (operational since 2001);
Managed an up to 10-engineers team (designers, developers, DBA) along the entire process of technical design, implementation, testing, documentation and deployment; organized the users help desk workflow;
Implemented a ROLAP hyper-cube Datamart accessed with Discoverer 3.0;
Prototyped the migration to J2EE architecture (JSP, EJB) with JDeveloper 9i + oc4j/OAS9i.

1997 - 1998 May - May	**Team Leader - DIRECT-INFO (Intraday financial extranet system)**

SOPRA, SUBCONTRACTED TO CRÉDIT LYONNAIS, LA DÉFENSE, PARIS

Maintenance of the Cosmos Web Server access to the Oracle database through Pro*C; Reengineered and re-architectured webapp over Netscape enterprise Server 3.0 (Javascript LiveWire Server Pages); managed the Web front end sub-project: Direct-Info (3 engineers).

1996 May - Oct.	**Developer - Eiffel language network libraries (OOP)**

INTERACTIVE SOFTWARE ENGINEERING (B. Meyer president), SANTA BARBARA, CALIFORNIA, US

Designed and embedded in Eiffel libraries the C language TCP/IP and UDP/IP sockets mechanisms (Unix & Win32); Designed and developed advanced tools for asynchronous communication.

1993 - 1995 Sept. - July	**System/Network Engineer - Coordinated and administered INSEE-DIRAG LAN's**

NATIONAL INSTITUTE OF STATISTICS AND ECONOMIC SURVEY OVER THE FRENCH CARIBBEAN

Supervised media (cable) installation of the four LANs; Installed servers (LAN Manager/OS2 and Win NT) and instructed regional administrators; Deployed e-mail system and interconnected disparate sites; Defined strategies for access, security and backup systems; Designed and developed a push utility for remote installation/configuration/upgrade.

EDUCATION

Nov. 96	**Master of Science in C.S.: Parallel Processing, Networks and Distributed Systems**
	École Nationale Supérieure des Télécommunications de Bretagne (ENST Br.)

July 93	**Bachelor of Science in Computer Science (graduated with honors)**
	San Jose State University (SJSU), San Jose, California, USA
	Equivalence granted by the University of Paris XI, Orsay, France

July 92   **License in Computer Science (graduated with honors)**
           University of Paris XI, Orsay, France

July 91   **DEUG A (Mathematics and Physics, graduated with honors)**
           University of Paris XI, Orsay, France

July 88   **Baccaulauréat: C serie (Mathematics and Physics)**
           Lycée Ste Barbe, Paris, France