**Lotus Zhao**

###### Qualifications

14 years’ **experience** in BI technologies, **database** systems, BI tools, system analysis and complex

data models, database migrations. **Proficiency** in using **DataStage 7.5/8.x/PX, Informatica, PL/SQL,**

**Oracle, DB2, TeraData, Power Designer**. Team lead and Architect Experience in various BI/DataWarehouse projects.

**Skills Experience**

**Languages/Tools**:

C/C++,VB/VC++ 16 years

Java Script, J2EE, Perl 8 years

DataStage 7.5/8.1/8.5 9 years

**Informatica** PowerCenter V8 4 years

**ERWin** 4, SAP (ABAP/FI/CO) 3 years

**Operating System**

Unix, Linux, Palm, Windows 14 years

**Databases**

DB2, Lotus Notes, SQL-Server 8 years

Oracle 10g, PL/SQL, Teradata 6 years

**Work Experience**

May, 2012- August, 2013

Sr. Data Architect/Data Manager for Astellas Inc, Northbrook, IL, USA

* Worked on the Data Warehouse Project of iMart: responsible for data modeling, analyses**, ETL** processes design/development, technical documentations, functional test plans and scripts ; using **DataStage 8.1/8.5**, Unix scripts, **Oracle, SQL scripts**, Active Batch, Netezza,
* Management of team members on BI projects, data governance, data quality control.
* Project migration, processes scheduling using ActiveBatch, performance improvements.
* Worked with developers and business unit, conducted change request management, defects management and **release management**; improved the QA processes in various projects
* Steered numerous technical sessions on the design, testing and optimization of ETL processes
* Wrote Korn shell scripts to schedule **ETL** processes, creating automatic QC Reports
* Worked on the Data Warehouse Project of ONCO\_Mart: responsible for ETL architecture design, POC development, UAT test plan and scripts; using **DataStage 8.5**, Unix scripts, **Teradata**, **Netezza**, **Power Designer**, promotion of the ETL enhancements.
* Ensured that ETL design/processes meet performance and operational requirements.

Aug, 2010- Feb, 2012

Sr. Database Architect/Data Manager for Thomson Reuters Inc, Ann Arbor, Michigan, USA

* Worked on the Data Warehouse Project of State North Dakota: responsible for data modeling, analyses**,** ETL processes design/development, technical documentations, functional test plans and scripts; using **DataStage 7.5/8.1**, Unix scripts, **Oracle**, **Teradata**, PL/SQL, **ERWIN**.
* Created the conceptual, logical and physical **models** of the STATE’s Healthcare data to support business requirements and other initiatives using **Power Designer**.
* Worked on the Data Warehouse Project of State North Carolina: responsible for ETL architecture design, prototype development, UAT test plan and scripts ; using **DataStage 8.5**, Unix scripts, **Teradata**. Conducted performance tuning/testing of ETL processes.
* Ensured that ETL design/processes meet performance and operational requirements.
* Communicated with application DBAs on implementation of physical data model into database/schema modifications, served as on-call backup to application DBA supporting deployments of database/schema modifications to production
* Maintained the data model and migration processes during development/production.
* Involved in **Teradata** development (performance tuning, optimization, trigger, stored procedures, etc), worked on the defects management, coordinated and guided offshore teams.
* Resolved many tricky technical issues in data modelling, ETL processes, DB performance.

Nov, 2006- July, 2010

Consultant/Team Lead in CGI Inc (www.cgi.com), Montréal, Canada

* Worked on the Business Intelligence Projects of Bell Canada: responsible for data modeling, analyses, data verifications using **Oracle**, **Teradata, DataStage 7.0/PX**, Korn Shell Scripting, Unix, QualityStage 7.5; optimizations of ETL jobs using **Informatica** PowerCentre V8.
* Development of enterprise information architecture, development of enterprise data and information standards, development and creation of component, physical and logical **data** **models**, matching up the models with the business requirements.
* Worked on the Find Customer Project of Yellow Pages Group (ypg.ca): ETL development using **Teradata**, **Informatica** V8; metadata treatment; design/analyses of ETL processes, Unix Scripts and Stored Procedures; interface design; data mapping using **ERWin 4.0**.
* Worked on the Marketing projects of AXA, using **Informatica**, DataStage 6.0, Unix Kornshell, Power Designer, Sybase, DB2, VSS.
* Actively participated in the blueprint phase of many SAP BW projects regarding the architecture phase, worked extensively with ABAP/MM/FI/CO/SD.
* Worked on designing and developing ABAP reports and validated data using ABAP queries.
* Built SAP BW custom extractors, data models, and queries, implemented SAP BW data load such as full load, delta load, customized load.
* Supervised off-shore teams in ETL development, testing, debugging.
* Wrote Technical documents (functional design, technical design), test plans in French.

May, 2005- Oct, 2006

Team Lead/Programmer in Accenture Inc, Montréal

* Worked on the Inventory Analysis/Statistics project of Alcatel, using Customer EDI, Client EDI, **DataStage** PX, PL/SQL, **Oracle** 11i, PL/SQL, Inovis TLE.
* ETL design/development using **Informatica PowerCentre V8,** ERWin **4.0,** LFDM**,** IDEF1x.
* Designed, analyzed and developed EDI jobs using the standards 810, 850, 855, 856.
* Software products development using PL/SQL, Forms, Toad, Developer 2000.

Feb, 2004- Apr, 2005

Team Lead/Programmer in LGS, Montreal

1. **Data Warehouse** project analysis and programming using PL/SQL, Java, **Informatica** 7.
2. Data modeling, data mapping using ERWin 4.0; ETL development for data quality assurance
3. Worked on the **BNC** Data Warehouse project, using **DataStage** PX, PL/SQL, SQL-Server.

#### Mar, 2003- Jan, 2004

Software Developer in CSC (www.csc.com), Montreal

1. British Telecom **Data Warehouse** project analysis and programming using XML, PL/SQL, **DataStage** **6,** data modeling using ERWin 3.4; ETL jobs design/development/test.
2. Projects support: Voice Port, TARA; using TCP/IP, HTTP, JSP**, C++,** HTML, COM
3. Designed and implemented database migration in **Access**, Oracle 8/8i/9i, PL/SQL,UML.
4. Database development and administration in Oracle8i/9i, RUP, Forms, PL/SQL.

#### Jan 2002-Jan, 2003

Programmer/Analyst in Computer Horizons, Montreal

1. Worked on the project of **database migration**, using Oracle 6, 8i, SQL-Server.
2. Database source code parsing & analysis in PRO\*C, C#, Access, MFC, XML, C++, SQL.
3. Data modeling & processing in **ERWin4.0**, UML, Rational Rose, development in J2EE, JSP.

#### Aug, 2001- Dec, 2001

#### Software Designer in Positron Inc, Montreal

1. Implemented some Unicode/ASCII transformation applications in MFC**, VC++,** X-Designer.
2. Web page management, development in **SQL-Server**, HTML; GUI design in Delphi 5.0.
3. Database migration: analysis/development, using ERWin 3.4, PL/SQL, SQL-Server.

**Feb, 2001- July, 2001**

Software Designer in Nortel Networks, Ottawa, Canada

1. Software modules design, development and testing in VC++, web applications coding in **HTML**.
2. Developing Operating Systems applications in **C++, XML**, **COM,** Vxworks**, MFC**.
3. Designed the modules of Balanced-Queue, Queue Process and Call Process in **C**++, **COM**.

**May, 1999-Dec, 2000**

System Software Designer in Western IT Services, Ontario, Canada

1. Developed network security applications for session control and system navigation in MFC, VC++.
2. Designed & developed GUI for firewall system software on SSL in MFC, VC++, ASP, .Net.
3. Developed training website and administered web servers using JavaScript, VBScript, **SQL Server**.

**Jan, 1997-May, 1998**

Software Designer in Beijing Telecom Corp, China.

1. Designed and implemented a local area network communication server using **VC++**.
2. Designed and developed a network traffic engineering tool for network flow control in **VC++**.
3. Designed and developed one real-time statistical demonstration application in **COM**, **VC++**.
4. Designed and developed some business and data services on 3-tiered model in **MFC**, **VC++**.
5. Developed a real-time embedded software verification system using **MFC**, **VC++**.

**May, 1995-Dec, 1996**

Software Designer in BUPT ATM Research Center, Beijing, China.

1. Designed and developed a web server and its interfaces using **C++** in Windows95.
2. Designed and developed an object-oriented telephone billing system using **C++.**
3. Developed HR Management Systems for some clients using **SQL, DB2, ORACLE.**

**Education**

December 2000

MSc. in Computer Science, University of Western Ontario, Canada

July 1996

BEng. in Computer Engineering, Beijing Univ. of Posts and Telecoms ([bupt.edu.cn](http://www.bupt.edu.cn)), China.