Chuck Walker

**business.chuckwalker@gmail.com**
San Jose, CA

831.247.8857

**Summary**

* 20+ years of experience performing analysis, design, development and testing of analytic systems and environments as Data Marts and Data Warehouses.
* Expert knowledge and senior experience using Informatica **PowerCenter** 10.4/9.x/8.x/ as an ETL tool. Expert knowledge with Designer, Workflow Manager, Workflow Monitor, and Repository Manager.
* Worked as a Data Architect, providing Dimensional Data Design solutions (Star Schema) for Data Marts and Data Warehouses. This included creating and writing logic for Slowly Changing Dimensions, (mostly Type 2), late arriving Dimensional Data, Conforming Dimensions, resolving many to many relationships through the implementation of Bridge Tables, and various other challenges associated with Data Warehousing.
* Created and executed testing plans for ETL processes, including unit testing, regression testing, business and transformation rules testing along with string testing involving real and mock data.
* Deep experience with performance testing and resolution, working with large sets of data, creating simplified and easy to maintain and understand processes. Also experienced in migrating the code and objects through environments into production.
* Work well with Business Analysts, Data Architects and Subject Matter Experts to determine and define Business Requirements Documentation and Technical Design Documents. This includes creating Mapping Documents and Data Flow Diagrams for the ETL team.
* Senior experience with **Oracle Database** technologies, including SQL, PL/SQL, DML and DDL.
* Perform Data Profiling and Data Cleansing efforts by implementing logic and code to help identify and resolve incorrect, poorly formatted or missing data.
* Establish and follow best practices and help create a Data Governance Board for determining business definitions and rules as applied to metrics and attributes.
* Utilize Unix shell scripting where necessary for scheduling and file management.

**Technical Skills**

* ETL (Informatica PowerCenter v8.x, v9.x, v10.x)
* Oracle DB (10g,11g,12c,19c)  SQL, PL/SQL, DDL, DML
* Data Quality, Profiling, Data Cleansing
* Data Modeling (Data Marts/Warehouses)
* IBM Netezza MPP
* Unix Shell Scripting

**Professional Experience**

**Blue Shield of California - San Francisco, CA – September 2016 to Present**

**Sr. ETL Informatica Developer and Architect**

* Lead ETL Developer doing hands-on development and architecture design for a leading edge delivery platform of Healthcare data to various service providers, including hospitals, pharmacies and independent physicians.
* Design and develop extraction and integration processes, while maintaining high data quality and timely delivery.
* Responsible for unit and regression testing of ETL processes in a Unix OS environment, using **Informatica** suite of ETL tools (Designer, Workflow Manager, Workflow Monitor and Repository Manager) .
* Database technology includes **Oracle 12c** involving DDL scripting for creating Oracle database objects and designing performance strategies through the use of partitioning and parallel processing. Other database experience includes IBM's Netezza MPP data warehouse appliance, which incorporates IBM's version of Postgres.
* Scheduling software employed is Tidal. Script code management is Tortoise SVN. Migration requests are managed through JIRA.
* Practice Agile development protocol within JIRA using epics, stories and Kanban boards with daily scrum meetings.

**Computer Sciences Corporation (CSC) – April 2014 to September 2016**

**ETL Lead, Developer, Data Architect, Front-end Developer**

**Big Data and Analytics Group**

CSC is a large and publically held consulting firm with approximately $13 billion in revenues. They employ various levels of consultants and are vendors to a diversity of projects, including government, publically held corporations and research and development efforts. My participation was directed at creating analytic staging and reporting environments, while working with legacy systems and big data.

Clients:

* BB&T (Banking)
* Kaiser Permanente (Pharmacy Data Warehouse)

Duties and Responsibilities Performed

* Created star schema dimensional data models for reporting analytics. (data marts)
* Hands-on development using Informatica’s **PowerCenter** creating workflows, mappings, and sessions, writing various complex SQL queries against an **Oracle database**, and scripting in a Unix/Linux environment, while managing a team of 18 ETL developers, both onshore and offshore.
* Worked with Subject Matter Experts on meeting Basel 3 compliance such as Capital Adequacy and Stress Testing in a banking environment.
* Delivered over 800 mappings (originally 457 mappings), sessions and workflows on time and within budget in a banking environment.
* Wrote mapping documents (Source To Target Mappings) for entire ETL team (onshore and offshore) to deliver data requested for SAP Bank Analyzer application, which utilized a columnar-based database (HANA).
* Wrote and executed testing plans for ETL processes including unit testing, regression testing and string testing using real and mock data in order to validate transformation and business rules
* Resolved various performance-related issues and previously existing coding defects for Kaiser Permanente Pharmacy Data Warehouse.
* Worked with migration team to test and deliver an enhanced version of PERC (Pharmacy application)

**Walker Consulting, multiple locations – Mar 2009 to April 2014**

**Data Architect, ETL Developer (Consultant)**

**Technologies: ERwin, Informatica 7.x, 8.x, 9.x, Oracle EBS, OBIEE, Oracle DAC, Oracle Databases, MSSQL, Linux**

Walker Consulting was my independent proprietorship, which offered my professional services in Data Warehousing and Analytic Development.

Clients

* **Owens and Minor**, Richmond, VA – Feb 2013 to April 2014 – Clear Peak
* **VISA International**, Foster City, CA - Aug 2012 to Feb 2013 – Talent Burst
* **Stanford University, School of Medicine**, Menlo Park, CA – Apr 2011 to Aug 2012 - FTE
* **Elan Pharmaceuticals**, South SF, CA – Feb 2011 to Apr 2011 – Ab Ovo
* **Wells Fargo**, San Leandro, CA – Aug 2010 to Feb 2011 - Keane
* **Genentech**, South SF, CA – Mar 2010 to Aug 2010 – Global Insights
* **Adobe Software**, San Jose, CA – Sep 2009 to Mar 2010 – Aditi Staffing
* **Raytheon Missile Systems**, Tucson, AZ – Mar 2009 to Sep 2009 – TEK Systems

Duties and Responsibilities Performed

* Architect and implement Dimensional Data models (Star and Snowflake Schema)
* Hands-on development using Informatica’s **PowerCenter** creating workflows, mappings, and sessions, writing various complex SQL queries against an **Oracle database**, and scripting in a Unix/Linux environment
* Develop mappings for providing quality data, profiling and cleansing according to business requirements and aligned unit testing with data quality objectives
* Performance tuned SQL queries (Oracle) and Informatica’s PowerCenter sessions and mappings
* Design and write comprehensive ETL plans for Data Marts and Data Warehouses
* Work with business Subject Matter Experts to determine reporting and data analysis requirements
* Create and administered Informatica’s PowerCenter environments, including standing up repositories, assigning user credentials, and migrating deployment groups.
* Use ERwin modeling tool for creating logical and physical data models
* Use Oracle DAC to schedule and manage the running of staging and loading processes.
* Migrated Informatica’s PowerCenter mappings and Unix/Linux scripts through the various enterprise environments (Dev > Test > Prod)
* Designed and implemented Metadata Modeling in all three layers (Physical, Business Model and Presentation) using OBIEE. Created Analysis scenarios using Answers. Created Dashboards and Reports within the OBIEE environment and published to the user community.
* Write DDL scripts to create Oracle database objects, such as, tables, indexes, views, synonyms, functions and procedures.
* Mentor ETL developers
* Wrote and executed testing plans for ETL processes including unit testing, regression testing and string testing using real and mock data in order to validate transformation and business rules

**Seagate Technology, Scotts Valley, CA** - **Apr 2002 to Mar 2009**
**Data Warehouse Technical Lead
Technology: ERwin, Oracle 10g, PowerCenter 6.x, 7.x, Oracle Apps 11i**

Seagate Technology is a large, publically held manufacturer of computer peripherals, specifically, data storage devices using various technologies.

* Performed Data Modeling duties by designing and implementing logical and physical Star Schema Data Marts for multiple subject areas
* Create and administered Informatica PowerCenter environments, including standing up repositories, assigning user credentials, and migrating deployment groups.
* Hands-on Development using **Informatica PowerCenter** creating workflows, mappings, and sessions, writing various complex SQL queries against an **Oracle database**, and scripting in a Unix/Linux environment
* Performance tune SQL queries (Oracle) and Informatica sessions and mappings
* Architect data structures to accommodate various formats including flat files, and other application database tables.
* Design interfaces using mappings, sessions and workflows utilizing Informatica's PowerCenter
* Managed cross-functional teams of up to 11 employees, including offshore resources.
* Extracted source data from Oracle ERP and various SAAS vendor applications Integrated over 10 years of legacy data into an online reporting system.
* Installed version upgrades and new version installations of PowerCenter within a Unix (Solaris) and Oracle database environment.
* Created SDLC documentation for the purposes of communicating technical and functional requirements to several offshore resources as a Project Lead.
* Wrote and executed testing plans for ETL processes including unit testing, regression testing and string testing using real and mock data in order to validate transformation and business rules

**Plantronics Inc. Santa Cruz, CA- Sep 2000 to April 2002**

**Data Warehouse Project Lead**

**Technology: ERwin, Oracle 9i, PowerCenter 6.2, 5.2, UNIX (Solaris), Oracle Apps 11i**

Plantronics is a publically held headset manufacturer known for high quality headsets for the cell phone, gaming and electronic entertainment market.

* Performed all aspects of Data Warehouse and Data Mart(s) design, development, and implementation including, business requirements gathering and compilation, database sizing, data modeling, ETL mapping development, extraction testing, data validation, and development to production path migration.
* Created ETL mappings using Informatica PowerCenter suite of tools including, Designer, Workflow Manager, Workflow Manager and Repository Manager (PowerCenter).
* Hands-on development using Informatica PowerCenter creating workflows, mappings, and sessions, writing various complex SQL queries against an Oracle database, and scripting in a Unix/Linux environment
* Performance tune SQL queries (Oracle) and Informatica sessions and mappings
* Create and administered Informatica environments, including standing up repositories, assigning user credentials, and migrating deployment groups.
* Loaded data from a variety of sources including, Oracle Applications, flat files, and other ancillary sources.
* Designed, developed and implemented Business Objects universes and reports for final presentation and query availability to the end user business community.

**Core Technology Consulting Group, Los Gatos, CA**

**Data Warehouse Consultant / Oracle DBA - Oct 1997 to Sep 2000**

**Technology: Oracle 8i, PowerCenter 4.7, UNIX (Solaris), Oracle Apps 10**

Core Technology Consulting Group was a mid-size, consulting firm serving Silicon Valley clients such as, Yahoo, eBay and many start ups. They were a preferred vendor for doing installs of Oracle ERP and setting up Business Intelligence environments for analytical purposes

* Team member of a preferred Oracle consulting provider for various dot com companies such as eBay and Yahoo.
* Helped grow consulting agency into a $75 million per-year company.
* Performed Data Warehousing development including data modeling and backend processes, specifically, Extraction, Transformation and Loading (ETL) of data into staging tables and then into Data Marts/Warehouses for analysis and presentation.
* Provided technical support as an **Oracle Database Analyst** (DBA) using various versions of Oracle Applications and Oracle's database. This included implementation and cloning of full Oracle Application environments, patching existing and/or newly installed environments, and setting up printing.
* Also, performed technical consulting services (programming and analysis) for various clients involving MANMAN financial and manufacturing modules.
* Projects included data conversions, report writing and Year 2000 compliance. Troubleshot various issues surrounding the MANMAN application environment.

**Education:**
Bachelor of Science Degree in Business Administration
California State Polytechnic University