Harsha Chintamani

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# Summary

Result driven Software Engineer with over 10 Years of experience in Data Warehousing, Data Architecting, Data Analytics and Business Intelligence platforms. With 9 years of hands on experience on working with various ETL and BI tools.5 years of experience in leading and managing projects and end-to-end implementation of data integration solutions in a wide variety of platforms, operating systems and databases. Skilled in developing Requirement Specifications, Architectural Designs and working with data in the Distributed File systems.

Technical Skills

Database: Oracle 10g, 11g, MS SQL SERVER

Database Tools: PL/SQL Developer 5.1, TOAD 9.5, SQL\*Loader, ERWIN

ETL Tools: Informatica PowerCentre 10.x, 9.x, 8.x, OWB 11g R2, ODI11g, 12C, Pentaho, Abinitio

BI Tools: SAP Business Objects X1 4.0, R3, R2, Crystal Reports 8, OBIEE, Tableau, Performance Analytics

Cloud: AWS

Scripting Languages : SQL / PLSQL, UNIX, Python, R, Java Script, CSS

Scheduling: UNIX Cronjobs, Autosys

Big Data Ecosystems: Hadoop, MapReduce, HDFS, HBase, Zookeeper, Hive, Pig, Sqoop, Oozie, Flume

Methodologies: Waterfall, Agile

Issue Tracking: Jira, Confluence

Experience

Fannie Mae, Reston -VA Aug, 2016-present

Data Architect/ETL Lead

* Provide ETL ,Database and BI solutions for IT Asset Management and Infrastructure support platform
* Suggest architectural improvements, and formulate methodologies to optimize Database Objects
* Designed road maps in the data migration from BMC Remedy to ServiceNow
* Interacted with core and cross-functional teams to gather data requirements and provide fixes
* Created Jira for Issue tracking and Implement projects in and Agile environment
* Provide database solutions and designed data extraction mappings for the Integration of Change, Incident , Problem management and CMDB modules from BMC Remedy to ServiceNow
* Designed ETL maps in Informatica PowerCentre to pull data from ServiceNow to operations data mart
* Pull the data from several business applications in to the mapping database and synch in to CMDB
* Automated manual data loading processes by effective scripting , ETL and scheduling mechanisms through Autosys and Increased the resource efficiency by 90 %
* Implemented multiple data visualization dashboards for overall ITSM operations using Performance Analytics and Tableau for management reporting
* Created datasets by writing Views and Materialized Views using Advanced Analytical functions in SQL for data analysis, profiling and validations
* Prepared scripts to ensure proper data access, manipulation and reporting functions with R programming

CMA Consulting, Albany -NY Sep, 2015- Aug, 2016

Sr ETL Developer

* Implemented data extraction methodologies for the Medicaid Data Warehouse
* Designed mapping documents and data quality rules for the MDW
* Implemented robust and scalable ETL codes in ODI with minimal utilization of system resources
* Configured Data Servers for Oracle and File technologies and setup contexts and agents
* Designed the ETL maps by making use of appropriate Knowledge Modules and Operators
* Implemented Journalized Knowledge modules in order to achieve change data capture
* Integrated ETL maps by creating ODI packages to perform bulk data load
* Queried huge data sets and designed maps in OWB to generate data delivery extracts
* Implemented Analytical Functions and used Parallel Hints in SQL queries to enhance the performance
* Debug, maintain and enhance the ETL processes between several data sources

Fannie Mae, Herndon -VA Nov, 2014- Aug, 2015

Sr ETL Developer

* Implemented star schema data model to create Multifamily Data Mart for reporting needs
* Designed mapping documents and created data extraction rules
* Extracted data by implementing data extraction rules using Informatica transformations
* Implemented ETL mappings In Informatica to load SCD of Type 2 dimension
* Created Profiles and Data Quality Rules using Informatica DQ Analyst application
* Queried and created datasets by creating Materialized Views
* Created use cases and data visualization dashboards using Tableau as part of phase 0 prototyping
* Designed Interactive dashboards in Tableau making use of analytical capabilities
* Resolved and provided solutions to the database issues and ETL defects

Unv of Chicago,Chicago-Il Jul, 2014- Oct, 2014

Sr ETL Developer

* Integrated data from multiple sources in to data warehouse from ETL methodologies
* Designed various ETL mappings and reusable pluggable mappings in OWB
* Configured Metadata Navigator for tracing the Repository activities
* Creation of Process flows, scheduled & Monitored all the Batch jobs and ensured successful execution
* Implemented ODI Interfaces for Student and Workday data warehouse
* Worked on the end to end implementation of mappings,scripts and db objects across environmnets

HP, Mount Laurel- NJ Apr, 2013 –Jun, 2014

ETL Lead

* Derived Mapping document by using detailed design document pertaining to CURAM data model
* Modeled and enhanced the existing CURAM data mart by using ERWIN for reporting needs
* Implemented Incremental loading method over Truncate load by reducing the system utilization
* Designed ETL maps in OWB by making use of the available transformations (Joiner, Routers, Lookups, Rank, Filter, Expression, and Aggregator etc)
* Designed several OWB maps in to ODI and took part in the end to end implementation
* Created robust ETL maps and transformed data as part of data conversion project
* Implemented SCD type 2 dimension maps to maintain the history of the records in specific tables
* Designed process flows in order to execute the data in bulk and based on various events
* Created OMB scripts to deploy the OWB maps across environments
* Implemented effective event log and error handling mechanisms
* Implemented cronjobs in Unix and scheduled ETL jobs on timely basis

CGI, Bangalore -India Apr, 2011 – Jan, 2013

IT Consultant

* Worked as a lead for data warehouse team managed designed and implemented the ETL solutions as per the business needs
* Designed Interfaces, Maps in ODI and OWB to handle SMS,TAP and GPRS data for M2M platform
* Monitored daily jobs for the successful run and provide fixes upon job failure
* Designed process flows to Integrate several maps for bulk data loading operation
* Designed complex reports and KPI metrics in Business Objects for management reporting
* Handled production issues and provided data mapping solutions

Saudi Hollandi Bank, Riyadh -Saudi Arabia Apr, 2009 – Feb, 2011

ETL Developer

* Closely work with BA to understand the user needs to represent the data
* Designed ETL maps using operators and applied transformations techniques to load the data to ODS
* Extracted the data from T24 core banking system and legacy systems using Informatica and OWB
* Data Analysis for the banking operations by creating complex queries and PL/SQL procedures
* Designed Universes and reports in SAP Business Objects for management reporting
* Worked on end to end development as well as provided production support for data warehouse ops

Amber Road Inc, Bangalore- India Oct, 2007 – Mar, 2009

Software Engineer

* Effectively Communicate with end users to understand their needs for design and development
* Designed various maps using Informatica PowerCentre to load the data to Operational Data Store
* Extensively used Key operators to Transform and Load the Data to Target Schema
* Designed Universe In SAP Business Objects as well as developed complex reports and KPIs
* Involved in all Analysis, Development, Testing, and Maintenance, as well as resolved problems during implementation

Accenture, Bangalore- India Aug, 2005 – Oct, 2007

Associate Software Engineer

* Interacted with Business Analyst to understand the needs and requirements
* Perform Data Analysis of Source Systems and provide data exception reports
* Involved in the creation of Maps using Informatica PowerCentre
* Designed Monthly , Weekly & Daily Report as per operational needs
* Extensively used Free Hand SQL as an External data provider to design reports
* Designed and managed universe in Business Objects

Education

Bachelor of Engineering in Computer Science & Engineering from Vishveshwaraiah Technological University, Belgaum India

Certifications

Certified R Programming Professional by John Hopkins University