**Pavan**

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**SUMMARY**

* Over 14+ years of experience in Analysis, Design, Development, and Implementation of Data warehouse applications in various roles.
* Strong expertise in designing and developing Business Intelligence solutions in staging, developing data modeling, designing analytical dashboards to business users by populating Operational Data Store (ODS), Enterprise Data Warehouse (EDW), in Qlikview, QlikSense, Power BI and Informatica Power Center 9.x/8.x ETL tool.
* Extensive knowledge of using multiple data sources such as Snowflake, SQL, SharePoint files, Power BI datasets, Azure SQL DB, etc.
* Expertise in designing Qlikview/QlikSense reports with complex multiple data sources, relational designs and optimizing applications by using QVDs, removing non key fields and script variables.
* Gathered fair understanding of BI Stack in application administration encompassing Planning/ Implementing User, Resource and Password Management, Backup & Recovery Strategies, Performance Tuning.
* Proven track record on successfully completion of Long Term and Short-term projects within deadline while adapting to rapidly changing environments and priorities.
* Strong understanding of Dimensional Modelling technique, multi-dimensional database Schemas like Star Schema, Snow flake Schema, Fact and Dimensional tables, Section Access, Set Analysis in QlikView and DW concepts
* Define and implement security policies, access controls, and data governance practices to ensure data integrity, privacy, and compliance with regulations.
* Microsoft certified Power BI Data Analyst Associate (PL-300).
* My project experience includes analysis, plan, implementation (migration, enhancement and development) and testing as well as production support.
* Developed QlikView Dashboards using Chart Box (Drill Down, Drill up and Cyclic Grouping), List, Input Field, Table Box and Calendar and Data Island.
* Developed QlikSense Mashup screens with multiple Extension objects.
* Worked on multiple POC’s for Power BI integration with Cloud using Azure BI Stack (Azure Synapse Analytics, ADF) and Snowflake.

**PROFESSIONAL EXPERIENCE**

**Humana Inc., Louisville, KY Aug’17- Present**

**Sr. BI Lead Developer**

**Roles and Responsibilities:**

* Worked on Multiple projects with different internal teams of Humana.
* Involved in developing project plans, including timelines, budgets, and resource allocation.
* Identify and mitigate risks and resolved project issues.
* Participated in yearly Project estimations and helped business in creating stories and estimate story points in ADO Sprint planning dashboards.
* Business intelligence reporting (using SQL, Oracle, Qlikview, Qliksense, Power BI)
* Reporting related to MA, PDP, SUPP membership plans (Medicare Advantage, Prescription Drugs, Supplementary benefits)
* Data reporting consolidation of Medicare, Dental, Vision, Provider Information.
* Implemented Section access in QlikView and Qlik sense applications.
* Optimize the long running reports and queries by applying performance tuning mechanism.
* Created various Trigger functions in QlikView to meet business requirements.
* Monitor report performance and optimize resources as needed.
* Worked on connecting ADF to various data sources like files, databases, and APIs.
* Gathering business requirements and created functional and technical specs and worked with business clients to confirm and clarify requirements and business logic.
* Enhanced the Business discovery process, by adding new features into the Dashboard, for the users to deep dive into the sales data.
* Facilitated data mapping process for the Dashboard Metrics, to standardize the Data warehouse component.
* Created several measures and calculated columns using DAX to provide advanced analytics in the Power bi reports.
* Effectively migrated QlikView dashboards to QlikSense.
* Implemented 3-Layer architecture, Binary loads, and Incremental Loads for optimal performance of the Dashboard reloads, rescaling and to adhere to data retention standards.
* Worked on different connection modes - import, live connection, and Direct Query to meet client requirements. Developed paginated reports using Power BI.

**Environment**: QlikView, QlikSense, Power BI, ASA, ADF, Oracle, SSRS, DB2 Toad, Java Script, HTML.

**Chase, Dallas, TX Apr ’15- Jul ‘17**

**Sr. BI Developer**

**Roles and Responsibilities:**

* Environment monitoring pro-active monitoring to ensure performance on the server.
* Provide troubleshooting and diagnostic support at L2 / L3 level for Qlikview and other related products.
* Lead the Reverse Engineering effort to identify System of Records (SORs) for report attributes that needed to be re-platform into ICDW.
* Defined the framework for capturing the reverse engineering analysis at each hop level and tracing it back to SOR level along with code logic.
* The code base for performing reverse engineering involved several platforms and technologies including Unix scripts, PL-SQL procedures, SAAS, ETL code like Informatica and AbIntio and application code like java.
* The entire reverse engineering effort was divided into Level1, Level2 and Level3 analysis. Level1 analysis required identifying list of SOR systems for report schema. Level2 analysis required identifying at table level mapping target tables to SOR tables and level3 involved mapping at attribute level.
* Stitching logic was performed once reverse engineering analysis was complete for a reporting attribute to get a holistic picture of attributes, logic and transformations involved in arriving at reporting attribute from SOR attribute.
* Responsible for converting the reverse engineering output to a pre-defined format and loading to MDR.
* Organized meetings with SOR teams to review the reverse engineering output and work on recommendations.

**Environment**: QlikView, Informatica Power Center 9.6.0/9.5, Power Exchange, J2EE, Oracle, MS SQL Server, Control-M, Oracle 11g, DB2, putty, reflections, Toad, Winscp, Subversion.

**TechDemocracy, Edison, NJ Jul ’14 – Mar’ 15**

**Sr. Software Engineer**

**Roles and Responsibilities:**

* Involved in the requirements definition and analysis in support of Data Warehousing efforts.
* Worked on Power Center9.5 Designer tools like Source Analyzer, Warehouse Designer, Mapping Designer, Mapplet Designer and Transformations Developer.
* Developed Informatica mappings and tuned them for better performance.
* Involved in designing the procedures for getting the data from all systems to Data Warehousing system. The data was standardized to store various Business Units info in tables.
* Used most of the transformations such as the Source qualifier, Aggregators, Lookups, Filters, Sequence and Update strategy, Router.
* Created and monitored workflows and tasks using Informatica PowerCenter Workflow Manager. Analyzed newly converted data to establish a baseline measurement for data quality in data warehouse.
* Created and ran various tasks like Sessions, command, Email & Workflows to load the data into the Data warehouse components.
* Developed and documented data Mappings/Transformations and Sessions.

**Environment:** Informatica - Power Center9.5/9.1, Oracle 9i, MS SQL Server, SQL, PL/SQL, UNIX Shell Script, SQL\*Loader, OBIEE, Windows 2000.

**Cotelligent India Pvt ltd, Hyderabad, India Apr ’13 – Jul ‘14**

# Sr. Software Engineer

**Roles and Responsibilities:**

* Designed the mappings between sources (external files and databases) to targets.
* Logical design of the warehouse by identifying key data points, their dimensions, and measures.
* Identifying redundancy and taking steps to control it.
* Performed major role in understanding the business requirements, designing, and loading of data into data warehouse (ETL).
* Extensively used ETL (Informatica) to load data from source to ODS.
* Involved in creating the database procedures and triggers.
* Aggregator, sequence, joiner etc. transformations used in this populating data process.
* Validate the data in warehouse and data marts after loading process balancing with source data.
* Target database build in Oracle database.
* Involved in production support.
* Extensively used Calculations, Variables, Breaks, Sorting, and Alerts for creating Business Objects reports.
* Created the report templates in Business Objects.
* Scheduling the reports in Business Objects.

**Environment:** Oracle 9i, PL/SQL, Teradata, UNIX Shell Scripts, Windows NT, Erwin, Informatica Power center 9.5/9.1 (Repository Manager, Designer, Workflow Manager, Workflow Monitor), Business Objects 6.0(Designer and Business Objects).

**Aagama Computer Consulting Services, Hyderabad, India Aug ’09 – Apr ‘13**

**Software Engineer**

**Roles and Responsibilities:**

* Partly involved in gathering business requirements and worked closely with various Application and Business teams to develop Data Model, ETL procedures to design Data Warehouse.
* Involved in designed and developed star schema model for target database using ERWIN Data modeling.
* Extensively used ETL Informatica tool to extract data stored in MS SQL 2000, Excel, and Flat files and finally loaded into a single Data Warehouse.
* Tuned performance of Informatica Session by increasing block size, data cache size, sequence buffer length and Target based commit interval, and mappings by dropping and recreation of indexes.
* Worked along with the QA Team and provided production support by monitoring the processes running daily.
* Involved in pre and post session migration planning for optimizing data load performance.
* Performed Unit testing during the mapping phase to ensure proper and efficient implementation of the transformations.

**Environment**: Informatica Power Center 8.6, , MS SQL 2000, Oracle 9i, SQL, T-SQL, SQL Navigator, Erwin 4.1, UNIX Shell Scripting, Windows XP and 2000, Flat files, SQL, Windows NT.

**EDUCATION**

* Bachelor of Technology from JNTU, Hyderabad, India, 2008

**CERTIFICATIONS**

* Microsoft certified Power BI Data Analyst Associate (PL-300).

**TECHNICAL SKILLS**

**OLAP Tools :** QlikView, QlikSense, Power BI

**ETL Tools :** Informatica 9.6.0/9.1.1

**Methodologies :** Star Schema, Snowflake Schema.

**Data Modeler :** Microsoft Visio Professional, Erwin 3.5/4.0.

**Programming :** SQL, PL/SQL, DB2 SQL PL.

**Fron End Tools:** SQL\*Loader, TOAD, MS Office.