RAMPRAKASH BUDHARAPU

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Experience Summary:

Currently working as Data modeler (Data Vault and Dimensional modeling).

Over 17 Years of Professional experience in end to end(Build , testing and Maintenance) implementation of data warehousing across multiple domains and projects ,6 years of conventional data modelling experience and 11 years of experience in Managing Data engineering team/ETL Team.

Have experience on multiple data warehouse architectures across multiple projects and multiple domains(Banking, Insurance, Telecommunications, Auto, Healthcare ,HR,CPG and Mining)

Have worked on different ETL/ELT tools (SNOWFLAKE, Informatica Power center, Informatica Cloud Services, informatica BDM, Data Stage and MSSSIS.

Have worked on cloud technologies like Azure ADF, Where cape and DBT

Played data modeler (Dimensional, Data vault 2.0) with Lead Data Engineer role and delivered projects successful with client appreciations.

Have worked on multiple databases Oracle, Teradata, Netezza, SQL Server ,Snowflake and HIVE

Have working experience on structured, semi structured and unstructured data.

Implemented ETL testing Framework Automation using stored procedures.

Have worked on writing Shell /Batch scripting for automation.

Have direct interaction with client in gathering business requirement.

Have implemented data domain, data steward, data profiling, data quality, data governance and data security.

Have basic knowledge on Python models, vector databases and data reporting tool.

EDUCATION:

MCA (2003-06) from Kakatiya University, Warangal.

Technical Skills:

Languages	**:**	C, C++, PL/SQL.
Scripting Languages	**:**	Shell, Batch and Python
ETL Tool /ELT	**:**	Informatica Power Center 7.1/8.1/9.1/9.5, B2B Data Transformation Studio, Informatica Cloud Services , Information BDM, Azure ADF, Wherescape and DBT vault.
JAVA Technologies	**:**	Core Java, Hadoop, MapReduce and HIVE
MSBI Technologies	**:**	SSIS, SSRS and SSAS
Database	**:**	Teradata, Netezza, SQLServer2000, Oracle, DB2, Ms-Access ,Snowflake and HIVE.
Operating System	**:**	Microsoft Windows, UNIX

Cerfications:

Informatica 9.6.

ITIL (Information Technology In Infrastructure Library).

Accenture internal Data Architect Certified.

Snowpro core certified.

PROFESSIONAL EXPERIENCE

Worked as Software Engineer for HCL Technologies, Bangalore from June 28th 2007 to Nov 25th 2010.

Worked as software Consultant in Capgemini, Bangalore from DEC-06th 2010 to JAN-2014.

Worked as Module Lead in Techmahindra, Bangalore from JAN-2014 to JUL-2015

Currently working as Associate Manager in Accenture started from JUL-2015 to till date

PROJECTS ACCOMPLISHED
PROJECT # 1

Client   : BHP
Period   : Feb-2023-till Date
Project   : CANADA Potash Mining and HR Strategic Workforce Planning
Project Type   : Development

Domain   : Mining and HR

Environment   : Azure, DBT vault, ADF, Snowflake, SAP Power Designer

                   And Azure SQL server.

Role   : Data modeler

Project Summary:
BHP Potash has identified analytics use cases that need to be developed for the use of the relevant BHP line of business users. A multi-year program has been initiated that supports the delivery of identified use cases in alignment with BHP Potash's goals and capability development. The delivery of the identified use cases is aligned with the BHP's global Technology Outsourcing Program (TOP) for Data and Analytics
As part of this project, BHP wants to implement effective utilization its resources, optimise the equipment efficiency and productivity and I also implement sustainability by taking care of emission and wastage.

Roles and Responsibilities:
        Primarily working on data modeling (Dimensional).
        Direct interaction with client in requirement gathering and Implementation.
        Implemented data models for mining and HR domain area
        Implemented data profiling, data steward, data quality, data security and
        governance.
        Created source to target mapping documents

PROJECT # 2

Client   : AIB (Allied Irish Banks)
Period   : JAN-2022-Feb -2023
Project   : Allied Irish Banks
Project Type   : Development

Domain   : Insurance

Environment   : Azure, Snowflake, Microsoft SQLDBM.

Role   : Data modeler

Project Summary:
Allied Irish Banks, p.l.c. is one of the so-called Big Four commercial banks in the Republic of Ireland. AIB offers a full range of personal, business and corporate banking services. The bank also offers a range of general insurance products such as home, travel and car.

Roles and Responsibilities:
        Primarily working on data modeling (Data Vault and Dimensional).
        Direct interaction with client in requirement gathering and Implementation.

PROJECT # 3

Client	:	BAT (British American Tobacco)
Period	:	JAN-2021-JAN-2022
Project	:	British American Tobacco
Project Type	:	Development
Domain	:	Product Manufacture and sell
Environment	:	Azure, Snowflake, IDERA and Wherescape.
Role	:	Data modeler and Data Engineer Lead

Project Summary:

British American Tobacco plc is a British multinational company that manufactures and sells cigarettes, tobacco and other nicotine products.
It has system Integration project using Azure, SnowFlake, wherescape(ETL)

Roles and Responsibilities:

Primarily working on data modeling (Data vault 2.0 and Dimensional).
Direct interaction with client in requirement gathering and Implementation.
Working as a Lead data engineer in Implementation of ETL datawareshouse using SNOWFLAKE
Working on KPIs for client perspective and modeling data as per the requirement.

PROJECT # 4

Client	:	Telenor
Period	:	APRL-2018-DEC-2020
Project	:	Telenor BI
Project Type	:	Development
Domain	:	Telecommunication
Environment	:	Informatica 9.6, Oracle , PLSQL and Shell scripting
Role	:	Team Lead and ETL developer

Project Summary:

Telenor ASA is a Norwegian majority state-owned multinational telecommunications company headquartered at Fornebu in Bærum, close to Oslo. It is one of the world's largest mobile telecommunications companies with operations worldwide.
It has system Integration project using ETL , oracle and PL/SQL

Roles and Responsibilities:

Worked as a developer and Managed team of 8 members
Prepared system design ,Detail Design and Mapping documents based on existing system
End to End development /Change requests implementation across integrated systems involved
Lead the team with clients interation
Implemented ETL Testing Framework Automation
Worked PL/SQL store procedures and shell scripting.

PROJECT # 5

Client	:	shire
Period	:	JAN-2017-MAR-2018
Project	:	shire Pharma SI
Project Type	:	Development
Domain	:	Healthcare
Environment	:	Informatica 9.6, Informatica cloud Services, Netezza ,Hive

and Salesforce

Role	:	Team Lead and ETL developer

Project Summary:

Shire plc was a UK-founded Jersey-registered specialty biopharmaceutical company. Originating in the United Kingdom with an operational base in the United States, its brands and products for rare diseases. Shire was acquired by Takeda Pharmaceutical Company. It has system Integration project using ETL and Salesforce.

Roles and Responsibilities:

    Worked as a developer and Managed team of 8 members
    Prepared system design ,Detail Design and Mapping documents based on existing system
    End to End development /Change requests implementation across integrated systems involved
    Lead the team with clients interation

PROJECT # 6

Client	:	Sonepar Capacity Servcies
Period	:	JAN-2014-Dec-2016
Project	:	Viking ODW
Project Type	:	Development
Domain	:	Communication Media and Technology
Environment	:	Informatica 9.6, SQL Server,Oracle, Windows batch scripts, UNIX.
Role	:	Team Lead and ETL developer

Project Summary:

Sonepar USA is an independent family-owned company with global market leadership in the business-to-business distribution of electrical, industrial and safety products and related solutions. The world's largest privately-held electrical distributor In the USA, Sonepar is represented by 15 locally managed electrical and industrial distributors, and have over 700 locations with coverage in all 50 states in USA.

Viking Electrical company is an individual operated company which was acquired by Sonepar As part of this project involved in end to end ODW development . Modeled, designed and build Viking ODW (Operational Data Warehouse) system. ETL (Informatica) used for data integration process for daily transactional data loads and Cognos Reporting tool used for generating analysis reports (Forecasting sales, Product trends, Age trends by Products)

Roles and Responsibilities:

    Managed 9 members team (4 ETL resources) +(1 ETL Tester)+ (3 Cognos resources) and contributed individually

Prepared system design ,Detail Design and Mapping documents based on existing system

Prepared Test plan and Test scripts for entire project

Involved technically End to End ODW build (modeling ,design, Testing ,Build, Production Migration , Post-production issues and daily production monitoring)

Onshore-Offshore model, handled daily calls, task assignments and smoothly delivered artifacts well in advance.

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PROJECT # 7

Client	:	BMW
Period	:	JAN-2014-JUL-2015
Project	:	Consul Project Warranty Reporting
Project Type	:	Migration and Testing
Domain	:	Auto
Environment	:	Informatica 9.1, Oracle, Windows batch scripts, UNIX, Excel Macros.
Role	:	ETL Developer and Tester.

Project Summary:

The original Warranty Reporting JP, called "Dealer Monitoring System" at the time, was developed to prepare OLAP database which enables Warranty Division users to monitor warranty, SFW submission status, and specific defects of dealers.

All the data used for the operation of Warranty Division was turned into a database and a business intelligence tool "Business Objects" was introduced to enable reporting and analysis using the database.

It is also aimed to establish fixed format report templates to identify and extract problematic defect code and dealer for root cause analysis and corrective actions.

As a part of Warranty Reporting application migration, the ConSuL project has relocated existing application systems from data center in Japan to the BMW group data center at Munich to meet the group-wide IT standards

Roles and Responsibilities:

Involved in preparing SDD(System Design Document)

Analyzed the existing the system

Migration all objects (Informatica 9.1, Oracle, sql and batch scripts) to new environment.

Unit and Integration testing

Validation of application

PROJECT # 8

Client	:	Frontier
Period	:	July 11- Jan 14
Project	:	Enterprise Data ware House.
Project Type	:	Development and Testing

Domain   : Telecommunication.

Environment   : Informatica 9.5, Informatica Power Exchange, Teradata ,Oracle,

                      Brio BI tool, UNIX, Excel Macros.

Role   : ETL Developer

Project Summary:

Frontier Communications Corporation is a telephone company in the <u>United States</u>, mainly serving rural areas and smaller communities. It was known as Citizens Utilities Company until May 2000 and Citizens Communications Company until July 31, 2008.

Frontier is the sixth largest local exchange carrier in the United States. In addition to local and long-distance telephone service, Frontier offers broadband Internet, digital television service, and computer technical support to residential and business customers in 27 states in the U.S.

As per part of Business Intelligence ETL process

Roles and Responsibilities:

Direct interaction with client, involved in requirement gathering
Involved in preparing CDD(Conceptual Design Document) and DDD(Detail Design Document)
Analyzed the sources, targets, transforming and loading the data.
Developed SCD type1 and type 2 mappings and tuned for better performance.
Tuned source queries for better performance.
Prepared Unit Test Cases and captured Unit Test Results by executing business rules.
Deployment of code in different environments (DEV, TEST,UAT and PROD).
Maintained quality of delivery process related tasks followed best practices methods.
Fixing bugs on Unit and Integration Test if any based on SLA.
Delivering the artifacts in time.
End to End testing validation of functionality and business rules from source system to ODS to EDW.

PROJECT # 9

Client   : Time Warner Cable, USA.
Period   : Feb 11-Jun 12
Project   : Versace, SalesFunnel,CareDataMart and MERP.
Project Type   : ETL Testing

Domain   : Telecommunication.

Environment   : Tidal scheduler, Putty, Informatica, WINCVS, SVN and Netezza.

Role   : BI ETL Tester and module lead.

Project Summary:

Time Warner Cable Inc. is among the largest providers of video, high-speed data and phone services in the United States, connecting more than 15 million customers to entertainment, information and each other. Time Warner Cable Business Class offers data, video, and phone services to businesses of all sizes, cell tower backhaul services to wireless carriers, and through its NaviSite subsidiary, enterprise-class hosting, managed application, messaging and cloud services. Time Warner Cable Media, the advertising arm of Time Warner Cable, offers national, regional and local companies innovative advertising solutions.

BI Mobility QA team works and assists in performance of Extract, Translate and Load (ETL) Maintenance and Support activities. QA Project team is responsible for testing the extraction, transforming and loading data feeds between Time Warner Cable systems.

Roles and Responsibilities:

Tested end to end Data marts.
Analyzing the defects caught in production, gap in the requirement, root cause and Validating the defect.
Tested business requirements using Extract Transform and Load (ETL) tool as Informatica 8.6 –Repository, Workflow Design, Workflow manager and Workflow Monitor.
Analytical/Problem Solving Ability with the related Project and understanding the client Requirement.
Integration scenarios with by using ABAC scheduler and TIDAL.
Preparation of Test Strategy, Test Cases and Test Execution.
Created Test plan, Test Design, Test scripts and responsible for implementation of Test cases as Manual test scripts.
Formulate methods to perform Positive and Negative testing against requirements.
Performed Verification, Validation, and Transformations on the Input data (Text files, XML files) before loading into target database.
Perform Functional, Data Validation, Integration, regression and User Acceptance testing.
Used TOAD to connect to Oracle Database to validate data that was populated by ETL applications for upstream process.
Used WINSQL to connect to Netezza Database to validate data that was populated by ETL applications for downstream process.
Involved in Peer Reviews for Test Cases.
Involved in Functional Testing, System Testing and Regression Testing.
Test Documents deliverable to client Test Plan, Test Cases, Test Results and Screenshots.

PROJECT # 10

Client	:	FFIC (Fireman's Fund Insurance Company).
Period	:	Feb 09-tilldate
Project	:	CASPER (CommercialApplicationStrategyProvidedEnhancedResults).
Project Type	:	Development
Domain	:	Insurance
Environment	:	Informatica 8.1.1, ContentMasterITEMFIELD (ETL tool for Complex Data Transformation),DataStage, XSLT,Putty,DB2.
Role	:	Developer and module lead.

Project Summary:

To provide an improved and Integrated MAINFRAME that will minimize the need for manual look up from multiple sources, minimize manual process involved in rating and issuance of new products and eliminate redundant data entry by feeding relevant data in UNDERWRITING and ACORD application (submitted by the producer) to CIS(Commercial Insurance System). This new process is expected to provide a more efficient, streamlined and cost effective approach in processing Commercial policies.

Over all project objective

· Reduce the number of redundant systems

· Reduce cost of policy processing, automate expensive manual processes, and reduce reconciliation issues

· Avoid expensive legacy system updates and improve total cost of ownership

· Remove systems constraints that make business process improvements, new products and other changes to the business expensive.

Roles and Responsibilities:

Involved in preparing CDD(Conceptual Design Document) and DDD(Detail Design Document)
Analyzed the sources, targets, transforming and loading the data.
Extracting and Transform of data from xml sources to xml using transformations.
Worked extensively on Unstructured Data Transformation with xsd, xml ,Mappers, Java Transformation and XSLT to develop and feed data.
Developed mappings and tuned for better performance.
Involved in tracking the updates in source system and implemented the changes in the Mapping development
Prepared Unit Test Cases and captured Unit Test Results by executing business rules.
Deployment of code in different environments (DEV, TEST,UAT,CERT and PROD).
Maintained quality of delivery process related tasks followed best practices methods.
Fixing bugs on Unit and Integration Test if any based on SLA.
Delivering the artifacts in time.
Direct interaction with client, involved in requirement gathering.

PROJECT # 11

Client	:	Duetch Bank
Period	:	July 07- Jan 09
Project	:	DBFeeds (BI Services)
Project Type	:	Production support & Maintenance
Domain	:	Banking
Environment	:	Informatica 7.1 and 8.1, Cognos, TOAD, Putty.
Role	:	ETL Developer and Production support

Project Summary:

The dbFeeds project is a strategic initiative by DB to consolidate the data, which is spread over 3000 data sources, many of which are redundant because of local use of

applications, to an optimal number of data sources. This effort has to be accomplished using an ETL tool. **Informatica Power centre**, which is DB's strategic ETL tool. The objective of the dbFeeds project is to provide a "feeds" management service for both the data originators and consumers.

The state analysis carried out within the DB Controlling business estimated a feed population of around 3000 feeds. Many of these feeds are overlapping in terms of data, source and target systems. The re-use of the feed infrastructure occurs at a local level, typically system by system in individual locations. No re-use is present across systems. No consistent feed management takes place across systems. Duplication of feed infrastructure and management services are prevalent across systems. These factors contribute to the lack of transparency and control that exists in the Controlling feeds domain. The diverse range of tools and technologies that are currently used also indicates this.

In addition, the Controlling analysis showed that a large proportion of project budgets were allocated to the development of feeds and their associated management services. Data originators will provide data to dbFeeds, in bespoke and / or generic formats. dbFeeds will enrich and transform this data to a consumer format, this may also involve an intermediate stage of data standardization. The processed data is then delivered to the consumers. The enrichment and transformation stages may require additional reference data to be sourced Deutsche Bank's "golden" sources of reference data. In addition value added management services are provided such as the generation of error and status reporting, together with the runtime monitoring and alerting of the feeds process.

Roles and Responsibilities:

Responding to issues raised by users within defined time-scales and communication channels set by business.
Investigate and provide solutions to problems and queries relating directly to incidents raised through GIMS (Global Incident Management System).
Liaising with other DB(DeutchBank) teams (e.g. Infrastructure) where required in problem investigation / resolution.
Developing scripts to improve support process. Following agreed support procedures defined by DB
Documenting problems such that recurrences can be quickly identified and resolved.
Test the Mappings and report bugs if any.
Involved in effort estimation of feed development
Involved in Developing Mappings, preparing test cases and executing business rules and produced Unit Test Results.