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Summary

- **8+ years** of IT experience in **Data Warehousing, Business Intelligence and Analytics**, **Data and Systems Analysis, Project Coordination** across various domains.

- Well acquainted with **S**oftware **D**evelopment **L**ife **C**ycle. Excellent team player with problem-solving and trouble-shooting capabilities.

- Strong working knowledge in **Data Modeling** using Dimensional Data modeling, Star Schema/Snow flake schema, Fact & Dimensions tables, Physical & logical data modeling.

- Expertise in OBIEE 11g, **Oracle BI Applications** and customizing **prebuilt** mappings and developed technical solutions to business problems in the OBIEE repository.

- Experience gathering **requirements** from both Business and Technical Users. Experience writing use cases.

- Good experience in OLAP Data Modeling using Dimensional Data Modeling using **ERWIN**.

- Excellent Aptitude in designing **Star Schema / Snowflake Schema** using OBIEE Administration tool.

- Installing, Configuring and upgrading **OBIEE 10g, OBIEE 11g** and **BI Applications**.

- Sound understanding of various aspects of **ETL Development** in **Informatica**/**ODI**/**Data Stage**

- Data warehousing ETL experience using Informatica Power Exchange, Power Center 9.1/8.6. Good Experience on Managing, Scheduling, and Monitoring of **Informatica** workflows.

- Hands on Experience developing with BI Development in **Physical, Business Model and Presentation Layers**. Expertise with BMM development - **Dimensions, Hierarchies, Measures, Aggregation Rules, Time Series, Cache Management**.

- Extensive knowledge in configuring **Interactive Dashboards** with **drill-down** capabilities, **Security** Setup (groups/access privileges), Metadata, Web Catalog Objects (Folders, Dashboard, Pages and Reports).

- Expert in configuring and managing **OBI Server, Oracle BI Answers** and **Dashboard**s, **Agents/iBots, OBIEE plug-ins, BI Publisher, Mobile BI app designer** and configuration of Analytics Metadata objects.

- Knowledge in dealing with various **OBIEE** functionalities like **Dashboard prompts**, views, aggregates, global filters, **scheduling**, contextual/guided navigation, conditional formatting of reports.

- Knowledge of BI **solutions** in various domains such as Oracle Financials, Sales, Order Management, Supply Chain, Human Resources and Health Care integrating ERP Systems like Oracle EBS, PeopleSoft and JDE.

- Experience in **Oracle BI Applications** that include **OBIEE**/Siebel Analytics **7.9.6**, ETL Tools and **DAC** in HR, Pharma, Financial, Marketing, Sales and Distribution domains.

- Working with **DAC** design and development including Customizing **Execution Plan**, Subject areas, Task groups and Task definitions.

- Configuring Proxy (**Act as**), Write back, map viewer, **Usage tracking** for analytics and BI Publisher, Setting up and working with **MUD** (multi-user development) Environment.

- Experience with **SQL tuning**, writing complex SQL queries, triggers and stored procedures. Hands on exposure in the **RDBMS** development with **Oracle 9/10/11.**Involved in **Unit Testing**, **Integration Testing** and **User Acceptance Testing**.

- Excellent **Business Analysis Skills.** Expertise creating High Level Requirements Document, Technical Specifications Document. Experience creating and managing **Requirements Traceability Matrix**.

- Highly motivated and efficient team player with **problem-solving**, **trouble-shooting** and leadership skills

Technical Skills

Data Warehousing	Informatica Power Center 9.1.1/8..6, Power Mart 6.1/5.1.1/5.0/4.7.2, Informatica Designer, Workflow Manager, Workflow Monitor/ ODI
BI Tools	OBIEE 11.1.1.3/1.5/1.7, OBIEE 10.1.3.4/3.3/3.2, Siebel Analytics 7.7/7.8
Data	Data Modeling Erwin, Toad, Oracle Applications/ EBS, ER Studio
Programming	OOP and Structured, Java, C++. Interpreters like Python and PERL, UNIX Shell
Databases	Oracle 10g/9i, MS SQL Server 2008/2005/2000 and MS Access, Teradata, DB2
Environment	Oracle Linux, Win 3.x/95/98, Win 2000,Win NT, Win XP, Win 7 and Unix
Java Technologies	J2SE, J2EE, JDBC, JSP, Servlets, JUnit, Struts, Spring, Hibernate

Professional Experience

Sr BI Developer   **Apr'13 – Till date**

Weatherford International, TX, USA

- Participated in complete life cycle of the project from project initiation, to development, to production support and maintenance.
- Worked extensively with business users to understand business rules and processes and conducted brainstorming session to gather reporting requirements and specifications.
- Responsible for Installing, configuring, customizing OBIEE 11g environment. Involved in Business Model Design and development for Enterprise Data Warehouse.
- Performed gap analysis and feasibility study for the given requirement. Worked closely with various departments to ensure project deliverables and timelines.
- Created custom Data model and Custom tables and Subject Areas based on business requirements.
- Customized the OTB Analytics SDE/SILOS Informatica mappings, RPD objects according to the reporting needs of the business users.
- Implemented Row Level Security and Object level security based on user roles and access control matrix.
- Imported Hyperion Cubes and Hierarchies for financial reporting in OBIEE.
- Worked on OBIEE Administration tool for customizing the Physical layer, Business layer, Presentation layer and modifying it according to the business requirements.
- Created RPD, Connection pools, import physical tables and define joins in the Physical Layer.
- Developed and customized some of the existing Dimensions (Drill-Down Hierarchies) & Logical objects in Business Model Layer, and creating the Presentation catalogs in Presentation Layer.
- Created Global/Local Prompts, Narrative Views, Filters, Charts, Pivot Tables, Compound layouts to design the dashboards.
- Configured and managed OBIEE security by integrating with Active Directory using Enterprise Manager.
- Created KPI Dashboard for reporting Business status for higher management.
- Used OBIEE Delivers to automate Agents (iBots) queries, obtain weekly reports and to send alerts to related managers and secured team members.
- Experience in importing the financial data from Hyperion Essbase Cubes to OBIEE for reporting.
- Developed Source to Target Mappings using Informatica Designer and loaded data from source systems like SQL Server and Flat files to target database
- Monitored and Scheduled ETL along with reducing configuration and development time by using DAC.
- Enhance performance of BI Functional Module Reports/Dashboards by implementing the Aggregate tables, Table execution path by making use of hints, Creation/Re-building of Indices and Cache Management.
- Involved in developing the Incremental ETL process (Mappings & Mapplets)
- Data conversion and reconciliation of legacy data to Oracle BI Applications, Customization of reports in Financials, General Ledger, AP, AR and HR Analytics and creation of stored procedures and Triggers.
- Created & saved several BI Publisher reports by selecting an Answers request as Data Source.
- Created comprehensive and easy-to-understand Documentation (Functional Specifications, Technical Specifications and Mapping Documents).
- Build test cases and tested the Reports/Dashboards by comparing the SQL Output on the Data warehouse to the values in the Reports/Dashboards, documented the test results.
- Worked on OBIEE mobile BI and created reports using Mobile BI app designer for smartphones and tables.

BI Lead Consultant   *Dec'12 – Apr'13*
Warner Chilcott NJ, USA

- Co-ordinate various BI Projects simultaneously across various teams and locations.
- Closely worked with business users to identify the requirements and worked on GAP analysis documents.
- Designed repository design documents based on the user requirements and modeled RPD using OBIEE Administration tool 11.1.1.6.
- Worked extensively on Management Scorecard for US and Canada.
- Customized and created new **OBIEE Dashboards and reports** based on the requirements and specifications given by Business analysts.
- Worked closely with ETL team to understand the issues and troubleshoot data issues.
- Co-ordinate with the business and ETL team to load the business data into warehouse
- Designed **Star schema for fact & dimensional tables** and created alias for the dimensional tables. Defined the Foreign keys and Complex joins between various Dimension and Fact Tables at BMM layer.
- Certified Business Intelligence and Data-warehouse tools on **Windows 8** with recommend settings.
- Integrated **TDS LDAP server** with OBIEE across various environments.
- OBIEE tools and extensively with business users in gathering requirements and specifications. Involved in Business Model Design and development for **Enterprise Data Warehouse**.
- Installed **OBIEE 11g Production** environment and migrated the VAL repository and web catalog.
- Integrated Informatica Server with DAC and Customized the data warehouses in DAC.
- Created Tasks and Task group and Subject Matter in DAC.
- Co-ordinate with Oracle Support creating Service Requests and resolving various server issues.
- Worked on Forecasting, Med-Ed, Marketing, Sales Operations, Canada BI, IMS portal, Roster, Managed Care BI projects.
- Worked with users to leverage BI through OBIEE office plug-ins.
- Written Test Scripts for BI install and validation processes.
- Provided End-user Trainings on using BI dashboards and creating ad-hoc analyses etc.

Sr. OBIEE Lead Architect   *Sep'12 – Dec'12*
RCI/Wyndham Exchange Rentals, IN USA

- Worked on creating new and migrating existing reports from **COGNOS to OBIEE**.
- Worked closely with business to understand the existing systems and reports requirements.
- Designed **OBIEE metadata** for the new BI reporting platform which leverages **OBIEE and BI Publisher**.
- Extensive meetings with business representatives for gathering theOBIEE Reports/ Dashboards requirements and to define business and functional specifications
- Analyzed and used **various data sources-** Flat files, Source Systems, Oracle and Excel and Web services
- Identified **Facts and Dimensions levels/ Hierarchies of Dimensional model**.
- **Developed RPD** (**Physical, Business model and Presentation Layer**), configured metadata objects and Web Catalog Objects. Implemented **level based hierarchies** and various **variables** in **RPD**
- Developed many **reports/dashboards Analytic views** (Pivot Tables, Charts, Column Selector, and View Selector), Presentation variables and presentation Hierarchies.
- Co-ordinated with ETL teams in developing Incremental ETL Processes and Business Model changes.
- Created measures and level Based measures in Business Model, logical Tables and logical columns, Physical Columns. Created measure **with Logical Columns and Physical Columns**.
- Created Dimension hierarchy in Business model layer based on existing **hierarchies** in Cognos.
- Developed PL/SQL procedures and functions and used the same as Data sources in OBIEE.
- Implemented **Active Directory Integration with LDAP** and **external table Authentication**
- Used Informatica Workflow manager and Workflow Monitor to schedule and monitor session status.
- Used Debugger to troubleshoot the mappings and co-ordinate with DBAs to troubleshoot issues.
- Performance tuning of Dashboard/Reports and made changes to database by implementing materialized views and partitions, rebuilding of indexes.
- Working Closely with users/developers and administrators to resolve the issues and problems.
- Provided **End-User Training sessions** on creating BI analyses and BI Publisher reports.

Sr. OBIEE Developer/BI Lead   *May'11 – Aug'12*
TMG Health, PA USA

- Worked extensively with business users in gathering requirements and specifications. Involved in Business Model Design and development for **Enterprise Data Warehouse**.
- Created **Repository** and OBIEE reports for Enrollment, Claims, Customer Service and Routes.
- Implemented **Oracle Pre-Builts/ BI Applications** for Financial analytics and HR analytics
- Worked on the **OBIEE Dashboards and reports** based on the requirements and specifications given by Business analysts.
- Designed **Star schema for fact & dimensional tables** and created alias for the dimensional tables . Defined the Foreign keys and Complex joins between various Dimension and Fact Tables at BMM layer.
- Used **Erwin** for designing Logical and Physical **Data Models**.
- I**nstalled** and Configured **OBIEE 11.1.1.5** platform on Win Server 2008 and configured for SQL Server 2008 as Data Warehouse
- Integrated **Windows Active Directory** authentication **LDAP** with OBIEE including the **security levels** at **group** level.
- Modeled the Logical Layer based on the Business requirements in the Business Mapping and Modeling Layer and Developed the necessary **Star** Schemas.
- Implemented the OBIEE **upgrade** process from **OBIEE 10.1.3.4 to OBIEE 11g** for better support for real time decisions
- Created **Aggregates, Hierarchies, Calculation wizard** in the Logical Layer.
- Setup **Multi User Development Environment** using the Admin Tool for efficient Development.
- Worked for **performance tuning** by finding out the bottlenecks in Reports.
- **Migration** in Development, Testing and Production environment. Provided End User **Training** and documentation for DWH-BI Project.
- Developed **security matrix** for dashboards/Answers users based on Individual responsibilities and LDAP Authentication type.
- Customized/Created **presentation layer catalog** folders, to show different views of the business model to different users and assigned group permissions to the catalog folders.
- Worked with **BI Office plug-in** to export analysis to **Excel** format.
- Implemented **Usage Tracking** for better administration and auditing purposes.
- Worked with **BI Publisher 11g** for document composition and delivery.
- **Design and Develop** Business Intelligence Platform for TMG Health.
- Created Repository and OBIEE reports for **Enrollment**, **Claims** and **Customer Service**
- Installed **OBIEE** Platform on Win Server 2008 and configured for SQL Server 2008 as Data Warehouse
- Involved in **Business Model Design** and development for Enterprise Data Warehouse.

Oracle Consultant   *Jul'10 – Mar'11*
ProtechSoft, USA

- **Developed** enhancements for **NJKids Application** for State of New Jersey.
- Involved in business analysis and technical design sessions with business and technical staff to develop Entity Relationship/data models, requirements document, and BI specifications
- Identify the data profiling aspects of the project. Interact with users to identify the requirements and architect and implement the data profiling strategies.
- Designing Logical/Physical Data Models, forward/reverse engineering using **Erwin**.
- Handled all **Administrator** responsibilities starting with Installation of OBIEE on different environments till code migration.
- Designed **metadata repositor**y using **Administration Tool**.
- Worked on **Aggregates, Hierarchies, Calculation wizard** in the Logical Layer.
- Created BI Publisher reports using Microsoft word plug in to design report templates.
- Implemented multiple logical conditions in a single RTF template.

- Worked on the **Time Series Wizard** and implemented time comparison measures.
- Used **Filters** (global and local) and provided customized **Prompts**.
- Developed and debugged **Dashboards/ reports** visibility with respect to user's responsibility and web groups in an integrated environment.
- Created **Aggregated Tables** and configured the content in Business Model Layer to use the Aggregate tables for better performance.
- Implemented **Security** at Object Level and Data Level.
- Migrate historical data, which is one time and built migration process for ongoing data loads using Informatica power center designer.
- Worked on **Change Data Capture** data sources.
- Extracted data from SQL Server (Replication Tables) distribution databases using Power Exchange and loaded into SQL Server Target tables.
- **Informatica Power Exchange** CDC option has been used to deliver near real time data to the business.
- Developed mappings to extract data from **SQL Server, Flat files, XML files** and load into Data warehouse using the Mapping Designer.
- Written complex SQL Queries, Stored Procedures for change requests and enhancements.
- The front-end is implemented using **JavaScript, HTML** and **Struts**.
- Troubleshooting **Oracle** queries using **TOAD** and redesigned data models in **Erwin**.

Computer Systems Consultant   *Jan'10 – Jun'10*
Pritchett LP, Dallas USA

- Setup Data warehouse Domain and Database Systems for Dallas Office.
- Interacted with business community and gathered requirements based on changing needs. Incorporated identified factors into Informatica mappings to build Data Warehouse.
- Worked closely with Business Analysts in understanding the Analytics requirements and created Business Models for generating Reports as per the requirements.
- Created and **Administered** the Physical Layer, Business Model and Mapping Layer and Presentation Layer in **Analytics Repository** (.rpd) using Oracle BI **Administration Tool**.
- Developed many **Reports/Dashboards** with different Analytics Views (Drill-Down & Drill-Across, Pivot Table, Chart, View Selector, and Column Selector, with global & local Filters using Oracle BI.
- Extensively used **Repository Variables, Session Variables and Initialization Blocks** for Configuring the Data and user **Security**.
- Tuned OBIEE Reports and designed **Query Caching** and **Data Caching** for Performance Gains.
- Enforced **Row Level Security** for Managers to View the Reports pertaining to their Region.
- Developed mappings to extract data from **Oracle, Flat files, XML files** and load into Data warehouse using the Mapping Designer.
- All the jobs are integrated using complex Mappings including Mapplets and Workflows using **Informatica power center** designer and workflow manager.
- Migrate historical data, which is one time and built migration process for ongoing data loads using **Informatica power center** designer.
- Designed and developed subject areas change management and Merger Integration.
- Developed Merger-Management website with **Drupal** Content Management System and PHP with **MySQL**.

System Analyst   *Oct'09 – Jan'10*
Accolite, Plano USA

- Developed and debugged **Dashboards/ reports** visibility with respect to user's responsibility and web groups in an integrated environment
- **Customized OBIEE screen** to affirm the functional requirements.
- Configured OBIEE admin tool for integration tasks.
- Configured OBIEE **scheduler** and **SMTP** server for sending email alerts to users.
- Extensively worked on the catalog manager for the **Migration** of the Reports in Production.
- Solved the production and QA environment bugs in reports.

Graduate Research Assistant *Apr'08 – Aug'09*
University of Texas at Arlington Health Services, USA

- **System Administrator** and Webmaster for Health Services Department in UTA
- Created Database/Data warehouse Application for Inventory management and reporting.
- Designed and Developed Data warehouse using Oracle BI (Dashboards/Reports) and Informatica.

Software Engineer, *Nov'06 – Aug'07*
Computer Associates – ITC, Hyderabad, India

- Setup IPv6 lab for Computer Associates with Linux, HP-UX, AIX and Win 2K3 Servers
- **Star of the Month** for Feb 2007 in Computer Associates for Outstanding Performance
- Configured, Deployed and Customized CA's products on various DELL, SUN, HP and Windows Servers
- Worked in IBM Web sphere and Weblogic Server for configuring and deploying CA's products.
- Prepared and executed IPv6 and Networking related Test Cases on Mercury Quality Center

Internships

Co-op / **Associate Software Engineer**, Neilsoft Ltd Pune, India *Dec'05 – Nov'06*

- Experienced hands on application of Software Engineering Concepts from requirements to maintenance
- Involved in Full life cycle development of End2End Localization for StruCAD® from Design to Maintenance

Reliance Communications Hyderabad *May – July 2005*

- Live Learning and experience of Real Time cellular communications
- Studied and learned Reliance NOC operations with special emphasis on short messaging service

Research Intern *(Prof. Sanjay Chowdhary) DA-IICT* *May - July 2004*

- Studied BPEL – Business Process Execution Language and its relationships to business
- Presented research paper about leveraging BPEL for effectiveness and efficiency.

Bhasha Research Academy -Govt of India *(Lead Computer Science Consultant)* *May - July 2003*

- Socio-business case-study of Information Technology application in rural Gujarat
- Provided turnkey technology solutions based on case study to Government of Gujarat

Education

Master of Science in **Computer Science** Aug 2009
University of Texas at Arlington, USA. GPA: 3.6/4

Bachelor of Technology in **Information and Communication Technology** May 2006
Dhirubhai Ambani Institute of Information and Communication Technology, India GPA: 3.5/4

Graduate Coursework

DBMS	Wireless Sensor Networks	Operating Systems
Advanced DBMS	Advanced Information Security	Telecommunications
Algorithms	Opportunistic Networks	DBMS II
Software Engineering	*Strategic Management*	

Academic Projects

Trust Framework Model for Opportunistic Communication (SunSPOT and LEGO robots)

- Designed an algorithm to collaborate the mobile agent nodes to form a specific pattern in a challenged environment where there is no continuous connectivity among the nodes
- Designed and Implemented Trust Model, Information Sharing and Caching for Opportunistic Networks

aVoIP (UNIX and Python)

- Designed and implemented a system for anonymous calls over VoIP
- Implemented real time calls using PlanetLab and TOR

Concurrency control Locking protocol (using Java)
- Designed and implemented a concurrency control locking protocol "Strict two phase protocol" that guarantees the serializability in databases and transaction processing
- Developed an algorithm using the Wait-For-Graph concept to detect and prevent the possible deadlocks

Query Optimization in Database Management Systems (JAVA)
- Designed protocols for Query Optimization using Query Tree mechanisms
- Developed an application in Java which uses the protocols for general and Join queries

Online Airline Reservation System
- Designed and developed a real time airline reservation system using Web Services.
- Used SAAJ and JAX-RPC for Web services to authenticate and authorize the transactions.

ACHIEVEMENTS
- Received **Star of the Month** award for Feb'07 for Excellence at Computer Associates, Hyderabad
- Member of Winning team for Cricket '05 competitions at DAIICT and in Neilsoft Ltd
- Runner in Age of Empires Gaming Competition in Synapse 2006
- Prathibha Awardee for Academic Excellence by Government of Andhra Pradesh, India

References will be furnished upon request