**Anand Bommineni**

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**Experience Summary**

**15 Years** of IT experience in **Testing** **ETL -** **Data warehouse,** Mainframes, **Database Testing** and Manual, Automation for Web Applications.

* Proven experience in **ETL Data warehouse** process, data conversions and **database testing**.
* Strong experience in Databases **Oracle**, **SQL Server**, **Snowflake,** **DB2** and **Tera Data.**
* Expertise experience in ETL tools – **Ab initio,** **Informatica**, and SSIS package
* Extensive experience in writing and developing **SQLs scripts** and testing large volume of data.
* Strong experience on setting up, monitoring data loads- ETL **Jobs** and Mainframe Jobs.
* Extensive experience in testing complex **ETL mappings**, mapplets and transformations for data loads.
* Strong experience in testing Visual reports **Tableau, Cognos** and **Power** **BI**.
* Good understanding of Data Modeling, Evaluating Data Sources and strong understanding of Data Warehouse/Data Mart and OLAP.
* Strong experience in Unix and Shell Scripting.
* Good experience in Microsoft Azure – cloud , Snowflake Data warehouse.
* Strong experience on **Python** scripting and Data Frame.
* Experience in **Automation Frame** work and Automation scripts using **Selenium, Python**
* Good knowledge on Webservices testing - Rest API Testing, **Postman**, **Soap UI**.
* Proven experience in **Test Plan** and **Test** **Strategy**, Test Cases, Test Scenarios and **Test Scripts**.
* Building test data, analyzing bugs, interacting with development team members to fix errors.
* Strong experience in **Mainframe** development and **testing** using COBOL, JCL, DB2 and VSAM.
* Strong experience in **Data Analysis, Data Validation, Data Profiling, Data Verification, Data Loading**.
* Validating the data passed to downstream systems. Used defect management to track and report system defects.
* **End to End** responsibility for the project implementation.
* Worked with data validation, constraints, source to target row counts.
* Involved in testing the XML files and checked whether data is parsed and loaded to staging tables.
* Worked on various domains like **HealthCare**, Retail, **P&C Insurance**, Banking and Financials.
* Experience on leading teams and offshore – onsite model.

**Technical Expertise**

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| --- | --- |
| **BI – ETL Tools** | Data Warehousing, Informatica 9.x, SSIS and SSRS, Abintio |
| **Databases** | Oracle 9.x, DB2, VSAM, SQL Server, Tera Data, Greenplum - PostgresSQL. |
| **Reporting tools** | MicroStrategy, Power BI and Tableau |
| **Scheduling and tools** | Control M, Control – Center, Jira, HP – QC, Postman, SOAP UI, TOAD. Selenium  Metadata Hub (MDH), WEB EME, Express>It, Service Now |
| **Languages/Scripting** | Cobol, JCL, XML, Python, Unix, shell script and Visual Basic. |
| **Big data- Hadoop** | Bigdata/Hadoop, Hive, Spark Scala , Kafka . |
| **Cloud** | Microsoft Azure, Snowflake |

**PROFESSIONAL PROFILE**

**Client Blue Cross Blue Shield Association, Chicago IL**

**Project** CCTI – PV

**Duration** March 2022 – Present

**Environment** Abintio, Informatica, DB2, Oracle, TOAD, Jira, Tableau, Control-M, Service Now,

Control Center, Unix/Shell script, Metadata Hub (MDH), WEB EME, Express>It,

**Responsibilities**

* Create Test Artifacts – Test Plan , Test cases , Test Results
* Understand FRS – Functional requirement Specification and ETL Mapping document and Data model
* Testing and validations for extraction, transformation and load process (ETL) for a Data Warehouse from various source systems using ETL Tools.
* Validate Transformation logic and report if any discrepancy, missing business rules.
* Run the ETL Ab initio Jobs and batch cycles using Control – M and Control Center.
* Debug failed jobs, finding the route cause analysis and report them to the team.
* Involved in reading the log files to identify issues/errors in scripts for ETL process, writing the SQL queries to validate the Aggregate data.
* Generating a variety of reports based on the Universes, running free-hand SQL, and also personal data files.
* Facilitated integration testing for various configuration, designed user test scripts and documents for UAT.
* Created ETL test data for all ETL mapping rules to test the functionality of the Informatica.
* Generate the source extracts by using tools and validate the source extracts
* Executed ETL mapping from the back end for Data extraction, transformation and loading process.
* Create and generate reports using Tableau and validate the Dash boards , grids, Graphs, Yearly,

Quarterly and Monthly and reports.

**Client Blue Cross Blue Shield -HCSC, Chicago IL**

**Project** DAS – Claims System

**Duration** March 2018 – Feb 2022

**Environment** Informatica, Microsoft Azure, SQL Server, Python, Teradata ,TOAD, Snowflake,

DB2, Jira, Tableau, EDI, Delimited Files, Control-M, Unix/Shell script.

**Responsibilities:**

* Analysis on design document, data mapping document to ensure proper transformation and conversion

rules applied.

* Developing test cases for various lines of businesses based on Business Requirement Document
* Testing and validations for extraction, transformation and load process (ETL) for a Data Warehouse

from flat files using informatica and provide technical support

* Performed various data analysis at the source level and determined the key attributes for designing of
* Fact and Dimension tables using star schema for successful creation Data Warehouse and Data Marts.
* Involved in reading the log files to identify issues/errors in scripts for ETL process, writing the SQL

queries to validate the Aggregate data.

* Test and validate Cloud-based data platform Snowflake enables BCBS to deliver accurate, fast, granular and enriched data and reporting to stakeholders.
* Ingested and validate various domains data from source system to various zones Raw , Curate and Modelled Zones.
* Test, validate and execute Store Procedures through snowflake Database.
* Support sophisticated reporting demanded by our institutional clients with the ability to rapidly integrate third party data
* Data quality checks between HUB, SAT and RAW  tables .
* Generating a variety of reports based on the Universes, running free-hand SQL, and also personal data files.
* Facilitated integration testing for various configuration, designed user test scripts and documents forUAT.
* Created ETL test data for all ETL mapping rules to test the functionality of the Informatica.
* Generate the source extracts by using tools and validate the source extracts
* Executed ETL mapping from the back end for Data extraction, transformation and loading process.
* Designed test data using MS Excel sheet, created data driven test for testing the application with positive and negative inputs.
* Created and generated reports using Tableau and verify, validate the reports.
* Developed Test scripts and Performed Manual Testing like Positive Testing, Negative Testing and Black Box Testing.

**Client Nordstrom - Seattle, WA**

**Project** WIM - Ordering and Allocation

**Duration**  Jun 2015 - Feb 2018

**Environment** Oracle, ETL Informatica, TOAD, DB2, Jira, Flat Files, Control-M, Shell script,

Selenium, Power BI

**Responsibilities:**

* Understand and review Business requirements and review, discuss on the Business requirements, discuses with Business team for requirement and functionality gap.
* Develop and participate in the Test plan, Strategy and estimation for the project.
* Develop Test Cases, Test scenarios and Test Scripts. Schedule and conduct triage meetings for defect tracking and issue resolution. Execute Test cases, test scripts and Test scenarios.
* Excellent exposure in Data Profiling in reference to Data Warehouse and BI development.
* Involved with data profiling for multiple sources and answered complex business questions by providing data to business users.
* Extensively used ETL methodology for supporting data extraction, transformations and loading processing, in a complex EDW using Informatica.
* Analyzing the existing source system(s), fact tables, dimensions and star schema representation for the Allocation System
* Analyzed Web based Apps for the digital marketing of the products over the browsers.
* Open source testing frameworks, including Postman, SOUP UI, Selenium for Web based applications.
* Analyzed Web based Apps for the digital marketing of the products over the browsers.
* Validation of business logic, technical requirements, mapping documents and documenting the Gaps, discuss and co-ordinate with Business team, SMEs.
* Analyzing Facts, Dimension models for data warehousing FDW in Star join schema.
* Test and validate existing informatica processes & SQL scripts- Parallelizing the SQL scripts, partitioning the Transactional tables, modifying the functional based indexes.

**Client American Family Insurance**.

**Project** PL Policy Center – PC

**Duration** July 2014 – April 2015

**Environment** SSIS, Oracle, TOAD, Autosys, IBM, DB2 and Greenplum.

**Responsibilities:**

* Analysis of functional and non-functional categorized data elements for data profiling and mapping from
* source to target data environment. Developed working documents to support findings and assign specific
* tasks.
* Design, develop and participate in the Test plan, Strategy and estimation for the project.
* Team handling at offshore and onsite with 8 people of a team and work allocation, status report
* generation.
* Worked with data investigation, discovery and mapping tools to scan every single data record from
* many sources.
* Excellent exposure in Data Profiling in reference to Data Warehouse and BI development.
* Involved with data profiling for multiple sources and answered complex business questions by providing
* data to business users.
* Expert in develop, create and set up test data, verification and validation of test data.
* Wrote and executed functional, system, integration and UAT scripts in a data warehouse projects.
* Extensively used ETL methodology for supporting data extraction, transformations and loading
* processing, in a complex EDW using ETL tools.
* Analyzing the existing source system(s), fact tables, dimensions and star schema representation for the BIC-PC.
* Validation of business logic, technical requirements, mapping documents and documenting the Gaps, discuss and co-ordinate with Business team, SMEs.
* Analyzing Facts, Dimension models for data warehousing FDW in Star join schema.
* Test and validate existing ETL processes & SQL scripts- Parallelizing the SQL scripts, partitioning the Transactional tables, modifying the functional based indexes, etc.

**Client LOWES, Mooresville, NC.**

**Project** Data Control Service - Test Data Management.

**Duration** Sep 2011 – May 2014

**Environment** ETL- Informatica 9.x, Oracle and IBM DB2. Mainframe

**Responsibilities**:

* Involved in all phases of project life cycle including Gathering requirements, identifying facts and dimensions, data modeling, development, testing and implementation.
* Responsible for analysis, testing, support and maintenance for the ETL (Extract, Transform and Load) processes using Informatica Power Center .
* Participated in various phases including Design, Coding, Testing and documentation.
* Used the debugger in the mapping designer to de-bug the mappings.
* Developed Unix Shell Scripts to automate the data transfer (FTP) process to and from the Source systems.
* Participated in ETL design and development discussions with Data Analyst.
* Worked with various sources such as Flat files and Relational Tables.

**Client**  **State Farm Insurance, Bloomington, IL**

**Project** ECS Data Conversion

**Duration** June 2008 – Aug 2011

**Environment**  Informatica, UNIX and Mainframe – COBOL, DB2, JCL ,Oracle

**Responsibilities**

* Testing Legacy system to Java – ETL systems Conversion, Data extraction, transformation and load.
* Testing, validation and implementation of delivered conversion components – with ABC’s active participation.
* Migration of data from all source system data to target DB2.
* Provide support for System testing and Integration testing.
* Developed the Test case, Test Scenarios, Test Plans and Reporting Documents.
* Responsible for gathering Test data from the legacy systems
* Executed test scripts and verified the results. Document and track defects identified during testing. Report accurate testing status and recommend release to the next environment.
* Designed developed and implemented web services testing procedures
* Batch Testing using DB2, JCL, SORT and VSAM.
* Verify and validate the IMS DB/VSAM files using file- AID.
* Perform data quality analysis, standardization and validation.
* Develop Test JCL’s by using DFSORT to compare the Policy numbers which are resided in File Systems(Before Conversion) and on DB2 System (After Conversion) to make sure about the statistics of the Conversion of Policies.