Sudhakar Macharla

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Professional Summary:

Total IT Experience   : 6.3 years

Company   :   Pinion Infotech Services

Designation   : Technical Specialist

Snapshot

- Total 6.3 years of experience and 4.5 years extensive experience in ETL and BI testing .
- Hands on experience on writing complex SQL queries and validating the business/transformation rules.
- Good knowledge on Data warehouse concepts , Dimensions, Facts and Schemas .
- Proficient in testing Slowly Changing Dimensions (SCD) methodology for accessing full history of accounts and transaction information.
- Plays vital role in analyzing the business requirements and getting required clarifications/updates from business analysts.
- Having good working knowledge of Agile methodology.
- Specialized in user requirement analysis, documenting test plans, execution of test cases to verify application functionality against business requirements.
- Good experience in coordinating with developers (Offshore and Onsite) in Team based environment and reviewing test artifacts with business Users in UAT meetings.
- Expert in debugging issues and provide detailed root cause analysis.
- Knowledge on Big Data concepts and Good exposure on Unix commands.
- Experience in handling team.

Accomplishments

Languages	SQL, T-SQL
Data Base	SQL Server , DB2
ETL Tools	SAP BODS , Informatica and Data Stage
BI/Reporting tool	Cognos
Management Tool	HP ALM, Jira
Operating system	Windows and Unix

Career History

Name of the Company	Date
Pinion InfoTech Services	Oct 2013 to Till date
Mindtree (Consultant through TekSystems)	Jan 2013 to Oct 2013

Education

- **Master of Computer Applications** from BIET (JNTUK) in 2008-11.
- **Bachelors of science** (MPE) from DNR College (AU) in 2005-08.

Projects

Title	:	**SE BDW One data management**
Client	:	SCB (Santander Consumer Bank)
Duration	:	Jun'17 – Till now

Techniques: BDW - One Data Management Swedish platform project has an objective to build one common reporting and analytical base for all products using BDW environment. The project will reuse existing BDW environment and architecture, perform integration of new data sources, and add new variables and information areas that are currently missing. The project will perform tests of the data to ensure data accuracy in the BDW environment and business acceptance of the data.

Key Result Areas:

- ✓ Preparing Test estimations for the releases.
- ✓ Identifying and analyzing the business requirements and performing source data analysis and data profiling.
- ✓ Understanding ETL mapping documents for different subject areas and preparation of Test plans and ETL tests scripts and perform test execution.
- ✓ Development Stored Procedures and views for Data quality checks.
- ✓ Review test results with Business Analysts.
- ✓ Attending end user meeting to get requirements for new builds of the existing system.
- ✓ Participate in UAT kick off meetings and review UAT Deck with business users.

Title	:	**BODS and SQL server Upgrade**
Client	:	SCB (Santander Consumer Bank)
Period	:	Mar'17 – May'17
Role	:	Senior Test Analyst

Description: As part of performance enhancement in ETL loads SCB decided to upgrade ETL Tool BODS from 4.2 SP3 to SP8 and SQL Server from 2012 to 2016 for the Nordic countries namely, Norway, Finland, Sweden and Denmark.

Key Result Areas:

- ✓ Extensively involved in developing test scenarios and test cases and peer reviews in-order to ensure the complete test coverage.
- ✓ Extensively involved in developing Test Plan and Test Strategy and Test Estimations.
- ✓ Extensively involved in creating test data for all the scenarios.
- ✓ Extracted Data from various sources like flat files, Oracle, SQL Server
- ✓ Extensively tested Views, Stored Procedures, and SQL queries and for loading the data (staging) to enhance and maintain the existing functionality.
- ✓ Extensively writing SQL Scripts for the ETL mapping to verify the correct business rules.
- ✓ Extensively running ETL Jobs and ability to understand the root causes for the failures.
- ✓ Reporting the defects on time and tracking and promptly acting based on the resolution using HP ALM.

Title : **Postilion Office Upgrade**

Client : Alawwal Bank Riyadh
Period : May'16 – Feb'17
Role : Test Analyst

Techniques: ALAWWAL BANK is currently using Microsoft Windows 2003 Standard x64 Edition and Microsoft SQL Server 2005 x64 Enterprise Edition. Although both the Operating System and Database Server are 64-bit applications, but this is not sustainable as Microsoft Windows 2003 and Microsoft SQL Server 2005 are not supported by Microsoft anymore. Therefore we need to upgrade the Operating System and Database Server to latest versions which are supported by Postilion Applications Microsoft Windows 2008 Standard x64 Edition and Microsoft SQL Server 2008 x64 Enterprise Edition.

Key Result Areas:

- ✓ Building UAT Environment.
- ✓ Performing System integration testing and UAT with Business users.
- ✓ Testing the business and functional cases.
- ✓ Posting all type of transactions in Real-time and validating all office Extracts and reports.
- ✓ Generating Extracts and arranging to post them in T24 and verifying balance synchronization.
- ✓ Generating and verifying ATM and master card reports

Title : **The MADHA Cash Back**

Client : Alawwal Bank (Saudi Hollandi Bank) Riyadh

Period : Oct'15 – May'16

Techniques: In Saudi Arabia all banks are monitored by SAMA.As part of SAMA mandate ALAWWAL BANK implemented new functionality CashBack and variable merchant commission changes. As part of this change customer can take money at merchant when he performed purchase transaction. Purchase and cashback (the amount taken by customer) will be debited in customer account and commission will be calculated on purchase amount or total amount based on the business parameters configured on the merchant level.

Active Role:

- ✓ Analyzing the requirements and preparing the test procedures.
- ✓ Executing the test cases and verifying the test results.
- ✓ Posting cashback transactions through the simulators and POS machines and validating the amounts in Postilion Realtime servers.
- ✓ Normalizing cash back transactions into Postilion Office to verifying merchant commission calculating in SPAN RAF file.
- ✓ Extracting the Out-standing Authorizations/Memo debits and credits from Postilion switch.
- ✓ Generation and verification of the reconciliation reports and Transactions extracts reports.

Title : **SE Applications**

Client : SCB (Santander Consumer Bank)
Period : Jan'15 – Sep'15
Role : Test Analyst

Techniques: Sweden Applications project is an internal initiative, at Santander Consumer Bank, to build an optimize data warehouse solution, to ensure integrity in the data stored and provide business with appropriate information and data access while complying with the rules and regulations of the Industry. Scope of the project extends to both 'AB' & 'AS' shaping the solution in different Iterations. The first iteration of the project covers the delivery of P-Loan applications, which are processed from Preview. With the

recent merger of AB & AS, P-Loan applications which are from AB are processed through the Preview. The scope of this project also extends to getting the historical data from existing AB data warehouse. This project also covers the contract related information from AB

Key Result Areas:

- ✓ Developed various backend application programs, such as views, functions, procedures and triggers as per the business requirements using T-SQL.
- ✓ Creating ICM scripts to verify the data process between the sources to target.
- ✓ Creating T-SQL scripts against the ETL Mappings.
- ✓ Adding/modifying tables and indexes as per the requirements.
- ✓ Tuned stored procedures and developed business logic functions in database layer.
- ✓ Created indexes on Tables to increase the application's performance.
- ✓ Writing Complex SQL Queries to retrieve the information from the database.
- ✓ Have taken backend responsibilities writing procedures and functions.
- ✓ Created database tables and their relations.
- ✓ Developed and modified T-SQL code to make new enhancements or resolve problems, as per client requirements.
- ✓ Extracting data from multiple tables by using the various join conditions and functions.

Title : **AIG-Global Portfolio Management**
Period : Feb'13-Oct'13
Role : Test Engineer
Techniques : SQL, HPQC, ETL Testing, DW/BI Testing, Reports Testing, DB2, Datastage 8.7 and Cognos
Description: Information was spread over a wide range of applications and databases with similar data being held in different formats. Few of them had effective Portfolio Management (PM) Tools for Policy, Claims or Risk Analysis. It did not capture data that allowed satisfactory data analysis either at local or global level. Therefore, it was critical to improve the data quality & availability for consistent analysis. In order to get the data to a single source of trusted information and perform portfolio analysis & management, a process had to be in place that included drawing data from its disparate sources, standardizing into a common format and loading it into a common repository using Reporting Tools.

Key Result Areas:

- ✓ Worked with source system developers, technical experts, business owners and users to identify data sources for defining data extraction methodologies. Analyzed the source data and made decisions on appropriate extraction, transformation and loading strategies in Data warehouse.
- ✓ Understanding BRD by frequently meeting with business partners and stakeholders.
- ✓ Extensively involved in developing test scenarios and test cases and peer reviews in-order to ensure the complete test coverage.
- ✓ Extensively involved in testing prompt, default metrics, drill up, drill down and drill through metrics and non-functional requirements for reports and dashboards.
- ✓ Involved in generating and testing the Adhoc reports.
- ✓ Extensively involved in testing dimensions, facts, fact less facts, summary tables and SCD logics for dimension tables.
- ✓ Reporting the defects on time and tracking and promptly acting based on the resolution using HPQC.