BHIMOSENA SAHU

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**PROFESSIONAL SUMMARY**

* Over 12+ Years of experience in IT industry as an **ETL Developer** and **Data Analyst** using SQL in Insurance domain under development and maintenance applications.
* Experience in building and designing Data Integration Workflow Solutions and Extract, Transform, and Load (ETL) solutions for data warehousing using **Ab Initio tool(GDE)**
* Experience with Ab Initio Co-Operating System, **GDE graphs**, EME, application tuning and debugging strategies.
* Proficiency in using various Ab-Initio components like Partition by Key, Partition by round robin, Reformat, Rollup, Join, Scan, Normalize, Filter by expression, Gather, Merge and Lookup etc.
* Well versed with various Ab Initio Parallelism techniques and implemented Ab Initio Graphs using Data Parallelism and Multi File System (MFS) techniques
* Involved in Complete Software development model including waterfall and agile methodology Business Analysis to Development, Testing, Deployment and Documentation.
* Hands on experience of writing wrapper **shell script** to initialize variables, run graphs and perform error handling.
* Strong experience in **data analysis** using SQL results and MS Excel.
* Strong experience with SQL database programming, **SQL** **performance tuning** using complex SQL queries.
* Proficient in communication, **analytical & problem-solving skills** to **handle client-facing roles** & end user communications.
* Good experience in establish **priorities, organize assignments** and manage team member’s work and ensure their work finish within timelines.
* Strong experience in **production support** for Java as well as Abinitio & datastage.
* Strong experience in managing the team, Onshore and Offshore coordination

**SkillS:**

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| --- | --- |
| **Databases** | IBM DB2, ORACLE, SQL server, PostgreSQL |
| **Configuration & Version Control** | Ab Initio EME |
| **BI and ETL Tools** | Ab Initio, QTADO, Datastage |
| **Programming Languages** | Unix Korne Shell, PL/SQL, C, Core Java, JSF |
| **Job Scheduling** | Autosys |
| **Operating Systems** | Windows XP |
| **Latest Certifications** | DP900(Azure data fundamentals), DP100 (Azure Data scientist) |
| **Latest Trainings** | AWS Developer Associate, AWS cloud practitioner, Devops and Generative AI. |

**EDUCATION:**

**Bachelor of technology** in Computer Science Engineering from **ADITYA ENGINEERING COLLEGE, Surampalem**, AP India – 2011

**PROFESSIONAL EXPERIENCE:**

**Client** – American Insurance Group (AIG), Jersey City, NJ April 2019 – Till Date

**Project** – TPAIR (Roles: Abinitio Developer)

**Project Description:**

The TPAIR application and associated business processes apportion the losses to layers and assign the responsible party, for each layer, which could be either the insured or AIG Vendor Services (“AIGVS”) or the Fusion group, which is the unit that runs this line of business. The TPAIR application then bills the insured and AIGVS for their respective losses and books the losses to the Corporate Reporting System (“CRS”). The three major business processes and the major modules of the TPAIR application are:

1) Split Loss Module– apportioning TPA claims data to support the Companies’ booking and billing. This includes the calculations of deductibles, retentions, self-insured retention (“SIR”), excess of primary, deductible above SIR, buybacks, closeouts, bankruptcies, aggregates and buyouts.

2) Billing Module– a process that applies further business rules to the data output by the split loss process in order to prepare an interface file to Sky wire Inc., a third party provider, to generate invoices.

3) Booking Module– a process that applies further business rules to the data output by the split loss process and the billing process in order to prepare an interface file to the downstream CRS.

**Responsibilities:**

* Develop abinitio Jobs for batch processing, production fixes/performance fixes, automation, and major/minor enhancements.
* Design abinitio jobs for audit and data reconciliation to manage batch and real time interfaces.
  + Prepare test case and test Ab Initio graphs and UNIX script in development and QA environment for various test scenario.
  + Review abinitio graphs and Shell script implemented by junior members for its correctness and standards. Mentor them to optimize the Ab Initio Graphs so that it utilizes less memory and improve process performance.
* Code Deployment from Dev to other non-prod regions and PROD. Also, post production support.
* Onshore and Offshore coordination.
  + Gather requirements and prepare technical specifications/artifacts considering feasibility
* Review FSD/business requirement documents and consult on project scope and timeline.
* Data analysis using IBM DB2, which involves verification of data entering the system every financial month and determining if the claims and drafts submitted by the insured in accordance with the policy rules defined by the underwriter.
  + Providing weekly status of project activities to management and provide SLA for new requirement and issue.
* Analyze and troubleshoot production issues.

### Company: Syntel Pvt Ltd, Mumbai (India) – Consultant May 2018 – March 2019

**Client** – FedEx

**Project** – FedEx - ECDC Business Rampup (Role: Abinitio Tester)

**Project Description:** Simulation is a process that FedEx uses to define, segment and align customers. It consists of Identifying and aligning all active FedEx Global IDs, Country IDs, Facility IDs, accounts and zip codes to correct sales territories. These account to territory alignments make up the sales organization structure for a particular Sales Segment. Downstream applications/processes like goal setting and sales.fedex.com use these alignments

There are four main steps in the Simulation process:

1. Customer Definition.

2. Strategic Segmentation.

3. Alignment.

4. Assignment

**Responsibilities:**

* Read all the documents and understand what needs to be tested.
* Based on the information procured in the above step decide how it is to be tested.
* Inform the manager about what all resources will be required for software testing.
* Perform Data Analysis to explore and analyze data.
* Develop test cases and prioritize testing activities.
* Execute all the test case and report defects, define severity and priority for each defect.
* Carry out regression testing every time when changes are made to the code to fix defects.
* To check if testing is going hand in hand with the software development in all phases.
* Prepare the status report of testing activities.
* Updating project manager regularly about the progress of testing activities.
* Prepare SQL queries to generate reports and check test results

**Technologies used: SQL Server, Java and unix and Abinitio.**

### Company: Syntel Pvt Ltd, USA – Consultant Jan 2015 – April 2018

**Client** – American Insurance Group (AIG)

**Project** – TPAIR (Role: Abinitio Developer and Production Support Analyst)

**Responsibilities:**

* Develop ETL Jobs for production fixes/performance fixes and minor enhancements.
  + Prepare test case and test Ab Initio graphs and UNIX script in development and QA environment for various test scenario.
  + Create and deploy Ab Initio tag on QA environment. Manage and support production release related activities with DBA.
  + Implement various partitioning techniques (like data, Component and Pipeline).
  + Prepare the LLD, FSD, Process document and Procedure document for the developed processes
  + Design and document ETL flow through MS-Visio tool
  + Acquiring sign off from UAT team for each Production release.
* Data analysis using IBM DB2, which involves verification of data entering the system every financial month and determining if the claims and drafts submitted by the insured in accordance with the policy rules defined by the underwriter.
* Regularly maintain issue log for process and analysis related issues/enhancements to help prioritize and resolve critical issues.
* Prepare manual queries for reporting and data analysis.
* Data analysis for reconciliation among various systems.
* Production support activities
* Provide Data analysis on data mismatches among various systems.
* Provide data analysis on rejected claims and solution to fix the issue.
* Provide manual reject reports to users.
* Provide regular monthly/weekly claims related reports to users.
* Implement DML’s to fix the data issues in order to run the dependent jobs without failure.
* Run various manual weekly/monthly/daily reporting jobs as per the calendar maintained in the project.

**Technologies used: DB2, Java and unix and Abinitio.**

### Company: Syntel Pvt Ltd, Mumbai (India) – Developer Oct 2013 – Dec 2014

**Client** – Beazley

**Project** – UniRisx (Role: SQL Developer)

**Project Description:** Unirisx’s Policy Administration System is developed by and for insurance professionals. Unirisx’s SaaS platform allows the user to set up any product for any distribution channel and is single integrated “end to end” process that manages policy administration, risk management and regulatory compliance. Unirisx works in any currency and any language including complex character sets such as Chinese, Greek and French etc.

**Responsibilities:**

* Review the assigned production defects/enhancements in JIRA, review the logic and apply fixes.
* Perform unit & system testing and review the results.
* Conduct code review and test results review with seniors.
* Promote the code into higher non-prod regions for further testing by testing team.
* Promote the code to production by taking all kind of approvals and provide post-production support.
* Understand the adhoc requirements and prepare queries for reporting.
* Prepare stored procedures for the policy admin system.
* Data base testing using SQL queries for the front-end screens in policy creation.
* Performance improvements of policy reports by optimizing the completed SQL’s

**Technologies used: SQL server, Java EE.**

### Company: Syntel Pvt Ltd, Mumbai (India) Sep 2012 – Sep 2013

**Client** – CHARTIS

**Project** – CHARTIS FUSION OPERATIONS (Role: Production Support Analyst)

**Project Description:** Data validation for the files received from upstream system and load into the business tables for further processing for splitloss, billing and booking.

**Responsibilities:**

* Prepare complex SQL queries for users reporting.
* Run production cycles, monitor the processed data in the tables and communicate progress to the seniors.
* Review the production failures and provide RCA document to the development for issue fix/enhancement.
* Send daily tasks status emails.
* Assist other junior associates to complete their work i.e. preparing on SQL queries and execution of production job cycles.
* Provide Data analysis on data mismatches among various systems.
* Provide data analysis on rejected claims and solution to fix the issue.
* Provide manual reject reports to users.
* Provide regular monthly/weekly claims related reports to users.
* Implement DML’s to fix the data issues in order to run the dependent jobs without failure.
* Run various manual weekly/monthly/daily reporting jobs as per the calendar maintained in the project.

**Technologies used: DB2, Java and unix and Abinitio.**

### Company: Syntel Pvt Ltd, Mumbai (India) June 2011 – Aug 2012

**Client** – CHARTIS

**Project** – CHARTIS FUSION OPERATIONS (Role: Manual Tester)

**Project Description:** Data validation for the files received from upstream system and load into the business tables for further processing for split loss, billing and booking.

**Responsibilities:**

* Review Requirement specification document, understand the requirement and prepare test cases according to the requirement.
* Review the batch processing logic to understand the functionality as per requirement document.
* Prepare test data, execute validation processes and document the test results.
* Review the testing phase errors and provide RCA document by reviewing the code.
* Update the issue log and share the overall progress to seniors.
* Prepare SQL queries for validating the test results.
* Prepare adhoc SQL queries for users reporting.
* Responsible to all testing phases functional testing, system testing and integration testing in all non-prod regions.

**Technologies used: DB2, Java and unix and Abinitio.**