**SHUBHANGI G MESHRAM**

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**SUMMARY:**

* Around **10+ years** of IT Experience in **Software Development, Execution and Migration of projects from legacy Data Warehousing systems to other platforms** encompassing strategic solution, requirement gathering, development, testing, deployment and maintenance in the areas – **Banking, Insurance** and **Telecom**.
* End-to-end **Agile project** deliverables to implement ETL solutions for large volume of data by applying various data warehouse modeling techniques like Star Schema, Data partitioning, Data compression, Direct path loads etc. and that maximizes re-usable components and services that incorporate versioning, reconciliation and exception handling
* Experience in leading integrating data to/from On-premise database and cloud-based database solutions using IICS and Informatica Data Management Cloud.
* Maintain high standard and follow best practices by re-factoring existing code to enhance readability, performance and general structure
* Experience in CICD, Jenkins, Git
* A project leader with exposure in handling projects and ensuring delivery of projects within the time & cost parameters; executed multiple key projects involving Data warehousing using various versions like **Informatica Power Center 7.1, Informatica Power Center 8.5.1, Informatica Power Center 8.6** and **Informatica Power Center 9.x, 10.x** (Workflow Manager, Workflow Monitor, Warehouse Designer, Mapping Designer, Mapplet Designer & Transformation Developer).
* Development of **Informatica mappings** using varied transformation logic using filter, expression, router, aggregator, joiner, lookup, and update strategy.
* Point of contact for technical solutions of data warehousing projects.
* Facilitated **onshore-offshore** and multi-location co-ordination and work distribution based on the stakeholder requirements and priorities.
* Knowledge on full software development life cycle (SDLC) starting from collecting business specifications, user requirements, confirming the design decisions regarding data, process, interfaces, reviewing/audit the code and documenting effectively the entire life cycle.
* Skilled in Informatica power center design, development of mappings from varied transformation logic using filter, expression, rank, router, aggregator, joiner, lookup, and update strategy.
* Possess strong communication, relationship management, analytical and problem-solving skills.
* Developed Informatica Mappings using Designer to extract, transform data according to the requirements and loaded into database from relational sources and non-relational sources.
* Involved in different environments of testing, trouble shooting of Informatica mappings and SQL queries for unit testing and developing test cases.
* Experience in utilizing various transformations like **Aggregator, Look Up**, **Joiner**, **Update Strategy, Filter, Sequence Generator, Sorter, Router, XML generator and advanced SQL-stored procedures, joins,triggers, normalization**

**TECHNICAL SKILLS:**

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| --- | --- |
| **Databases** | Oracle 11g, 12c, 19c |
| **Tools** | ETL- Informatica Power Center 9.x/10.x, IICS, Supersession, ESP Workstation, UMON, AOTS, NETCOOL, Control-M, ALM, Git, Bitbucket, JIRA, TOAD, Jules/Jenkins, DB artifactory,Migration factory |
| **Languages** | SQL, VSAM, UNIX Shell Scripting, PL/SQL,Oracle exadata |
| **Change Management Tool** | Vantive, CHGMAN, AOTS, DB Unity, HPSM, SNOW, MKS |

**PROFESSIONAL SUMMARY:**

**JPMorgan Chase, FL (July 2022-Till date)**

**Role:**  **Lead Informatica Developer**

**Description:** CMS is a Data Integration system which is mainly focused on providing financial services to the existing merchants and also onboarding new merchants from PeopleSoft and Global reporting team for JPMorgan Chase. Batch jobs processes applications that handle large volume of data to generate reports for insights and billing purpose.

**Responsibilities:**

* Developing and designing ETL(Extract/Transform/Load) mappings using Informatica to support the business requirements and loading the data from various source systems such as Oracle, Flat files and load it into downstream integration applications for reporting layer purposes.
* Loading and testing available data
* Analyzing data warehousing system application and resolving issues
* Worked on setting up and optimizing CI/CD pipelines using tools like Jenkins/GitLab CI, improving code integration and deployment processes across multiple environments.
* Worked closely with product owners and development teams to manage Agile development cycles, including sprint planning, daily stand-ups, and retrospectives, ensuring timely delivery of features
* Working on INFORMATICA on cloud IICS, IDMC to migrate existing mapping and build source to target pipelines.
* Performing Informatica code review and doing code deployment at each higher environment using deployment group (Using MKS tool).
* Fine tuning existing Informatica mappings/PL SQL code for performance optimization for large volume of data.
* Responsible for maintenance and support of the existing interface processes including investigation of issues and production troubleshooting
* Involved in different environments of testing, trouble shooting of Informatica mappings and SQL queries for unit testing and developing test cases.
* Utilizing various transformations like synchronization task, powercenter task, replication task, Look Up, Joiner, Update Strategy, Filter, Union, Sorter, Router.
* Supports System Integration Testing.
* Working on mappings using Flat files and Oracle as sources and Flat files and relational Tables as targets.
* Preparing/validating mapping task and Code review documents and other project related documents like Prod deployment checklist documents.
* Managing & providing technical guidance / support to the internal and external team.
* Providing KT to team members
* Worked on project planning and execution, ensuring clear timelines, milestone tracking, and risk management strategies were in place for successful project outcomes.
* .Worked on improving development processes by implementing feedback loops and refining post-deployment workflows, resulting in better efficiency and faster delivery times.

**Environment:** IICD, Informatica PowerCenter 10.4, Oracle 19c, Control M, Putty, UNIX, SQL Developer, TOAD, Winscp, snowflake

**State Farm, IL (January 2021 – June-2022)**

**Role:** **ETL/Informatica Lead**

**Description:** The Business Lines Modernization (BLM) is a multi-year initiative to build policy system of record for state farm ‘s commercial property and casualty insurance products. Migration for legacy polices into Guide wire’s policy center (PC) for the purpose for the renewal.

**Responsibilities:**

* Point of contact for any technology-related questions for the project.
* Design and Develop mappings with **Power Center tools** like **Designer, Workflow Manager, Task Developer, Workflow Monitor**
* Involved in requirement gathering, implementing the code changes, refreshing XML every sprint.
* Performed **UAT deployments** and coordinated **PROD** deployments.
* Involved in **Unit** and **System testing**.
* Responsible for implementing the overall change
* Perform gap analysis (i.e. what is required, enrich scope, applying best practices, while adhering to sustainability principles)
* Understanding the reporting/KPI needs for the business
* Track the reviews, documentation, test activities.
* Coordinate with internal and external teams (on site/offshore) on daily basis.

**Environment:** Informatica Power Center 10.5, ORACLE 12c, UNIX, Winscp, Putty, HPSM.

**Deutsche Bank, NY (October 2018 – January 2021)**

**Role:** **ETL/Informatica Developer**

**Description:** The Wealth Management (WM) business division of Deutsche Bank currently does not have access to globally standardized data in any region. The purpose of this project is to develop different Regional Data Mart (RDM) for each region i.e., US, APAC, DE, IT, CH which will collate data from different sources and then feed into GDH(Global Data Hub) and other down streams in future.

**Responsibilities:**

* Interacted actively with Business and **Data Modelers** on **Mapping documents** and Design process for various Sources and Targets.
* Involved in business requirement analysis and prepared functional requirement documents, involved in the **ETL technical design** discussions and prepared ETL high level technical design documents to implement using Kimball methodology for fast query results.
* Requirement gathering from Business analyst and developing the detailed design structure.
* Created different mappings and used different transformations like (**Source Qualifier, lookup, router, expression, aggregator, update strategy** etc.,).
* Involved in developing control-m Jobs using **BMC** control-m scheduling tool.
* Coordinate and track the reviews, documentation, test activities.
* Coordinate with internal and external teams (on site/offshore) to give status updates on daily basis.
* Discussion with customer for prioritizing the changes.

**Environment:** Informatica Power Center 9.5, ORACLE 11g, UNIX, Control-M, WinSCP, Putty.

**AT&T, Pune, India (October 2013 – December 2013)**

**Piscataway, NJ (ONSITE) on L1B Visa (July 2012 – September 2013)**

**Role: Sr. Technical Associate, Tech Mahindra**

**Description:** DSFS, Decision Support and Financial Systems for AT&T make use of Informatica PowerCenter to develop the code, test it thoroughly and get it into production. This is a Development and enhancement system which runs various applications including: Finance, Marketing, Directory, Disbursement and Procurement. So main purpose was to load all the received input files from all the other EPAS groups to the Enterprise DW.

**Responsibilities:**

* Responsible for requirement gathering, Business Analysis, user meetings, discussing the issues to be resolved and translated the user inputs into **ETL mappings**.
* Analyzing deeply on applications daily basis and to make a proper conclusion on the batch and online schedule to avoid conflict in scheduling jobs. So, that we can meet our online and batch commitments.
* Design Development and code in Informatica power center application. Worked with **Power Center tools** like **Designer, Workflow Manager, Task Developer, Workflow Monitor**.
* Extensively used various active and passive transformations like **Expression Transformation, Source Qualifier Transformation, Joiner Transformation, and Look up Transformation**
* **Performance optimization** of the database and applications, Informatica Objects. Managed and Compiled documentation for all ETL processes active in production.
* Provide technical assistance for the **DSFS** Applications.
* Develop and execute **batch jobs** to make sure we meet batch service level commitments.
* Interact with clients and other work groups to co-ordinate delivery.
* Guide team members to understand business requirements and technical deliverables.
* Designed the business requirement collection approach based on the project scope and **SDLC** Methodology.

**Environment:** Informatica power center 9.x, ESP Workstation, UNIX, Oracle.

**AT&T, Pune, India (June 2008 – June 2012)**

**Saint Louis, MI (ONSITE) on L1B Visa (May 2010 – August 2011)**

**Role: Informatica Developer, Tech Mahindra**

**Description:** The scope of EDW (Enterprise Data Warehouse) project is to load all the received input files to Enterprise Datawarehouse and provide technical solution and delivering solutions to resolve any issues.

**Responsibilities:**

* Steering initiatives for leading a team of 20 in production cum enhancement project.
* Preparing design documents based on the functional/requirements specifications document for the clients.
* Interacting with users for preparing documents like Detailed Designs for ETL processing, Dev to Production Migration plan and Integration test plan.
* Conducting coding and unit testing of Informatica mappings for various stages of ETL.
* Working on mappings using Flat files, Oracle tables as sources and Flat files, oracle tables as targets.
* Performing extensive testing on the mappings and wrote queries in SQL to check if the data was loading to the dimension tables and fact tables properly.
* Preparing mapping documents, data migration documents and other project related documents like mapping templates.
* Involving in requirement gathering, business analysis, user meetings, discussing the issues to be resolved and translating user inputs into ETL design documents.

**Environment:** Informatica power center 7.1/8.5, UNIX, Oracle.

**AT&T, Pune, India (June 2007 –May2008)**

 **Role: Technical Associate, Tech Mahindra**

**Description:** The purpose of GR DSS is to calculate Product Prices for all prior years of history and all the monthly, quarterly and yearly time periods. Integrate information and do a data conversion and populating the target tables. The ETL Part involves loading the data from data sources into the Staging area and then into the Target Tables.

**Responsibilities:**

* Fixing invalid mapping's, tested stored procedures and functions, unit testing of informatica sessions, workflows.
* Creating sessions, reusable worklets in workflow manager and scheduled the sessions to run at a specified frequency and using session logs to debug sessions.
* Executing sessions, both sequential and concurrent for efficient execution of mappings and used other tasks like event wait, email, command and pre / post SQL.
* Developing UNIX shell scripts to run the PMCMD functionality to start and stop sessions.

**Environment**: Informatica 7.1, Oracle, UNIX.

**Achievements:**

* Implemented slowly changing dimensions, used type 2 dimensions to keep the history changes.
* Developed complex mappings in Informatica to load the data from various relational sources using different transformations like Source Qualifier, Look up (connected and unconnected), Expression, Aggregate, Update Strategy, Sequence Generator, Joiner, Filter, Update Strategy Rank, XML generator and Router transformations
* Ensured implementation of efficient and effective performance tuning procedures.

**Notable Attainments:**

* Received ‘Pat on the back’ Award for exceeding performance as a New Joiner in Tech Mahindra.
* Streamlined the processing of Workflows and mappings in IPC 8.x helped in gaining much confidence in clients and gaining more business to clients.
* Ensured implementation of efficient and effective performance tuning procedures.
* Implemented Data analysis and Quality checks successfully.

**Professional Certifications**

* Informatica Power Centre 8.x Designer Certified.