Utkarsh Rao

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| Educational Detail |

* B.tech in Electronics and communication from Uttar Pradesh Technical University(U.P.T.U) – 2004-2008
* 12th standard from St. Antony’s Inter College(I.S.C Board)- 2004
* 10th standard from City Montessori School(I.C.S.E Board)-2002

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| Organizational Experience |

* **WISSEN INFOTECH**- from Feb 2021 till date
* **COGNIZANT Tech. Solutions**- From Nov. 2012 till Feb. 2021
* **INFOSYS**- from March 2009 till Nov. 2012

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| Experience Summary |

* Over 11 years of experience in Information Technology with Extensive knowledge in **Data Warehousing** and **Cloud Services like AWS, GCP** and **Cloud Integration tool Informatica Cloud (ICDI)** and **Informatica CAI, API.**
* Proven experience in **IICS Data Integration** in building Data Synchronization, Data Replication, Cloud Mappings, Mapping Tasks, Taskflows, Parameterization, SNS configuration, Integration Templates and creating Re-Usable Assets.
* Experience in **Cloud Application Integration** by creating a process and publishing it.
* Working Experience of Integration with SFDC(Salesforce.com) using Informatica Cloud (IICS).
* Well versed with Databases - **Oracle, Teradata, Sybase, Amazon Redshift. Mongo DB, Google Big Query.**
* BTEQ scripts and Unix scripting and have development experience for scheduling tools such as Control M, Autosys and DAC.

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| Core Competencies |

**IICS implementation**

Worked on Creation of Connectors to Integrate with Salesforce, Flat Files, JDBC, etc.

Developed various IICS Tasks using DSS (Data Synchronization), DRS (Data Replication), Saved Queries and Complex Cloud Mappings, Mapping Tasks, Taskflows and creating Re-Usable Assets.

Involved in Batch design, and Automated/Scheduled the Cloud jobs to run daily with email notifications for Success or Failures

Informatica PowerCenter and Data Warehousing

● Experience with full life cycle and methodology for implementing Data warehouse and Business Intelligence Reporting Systems.

● Experience in understanding business applications, business dataflow and data relation.

● Expert Level Experience working with Data – Data Analysis, Data Integration, Data Mapping, Data Conversion, Data Migration, Data Flows.

● Proficient in using Informatica Repository, workflow manager, Workflow monitor to create, schedule and control workflows, task, sessions.

● Strong experience as Oracle/SQL Developer in utilizing procedures, functions, packages, shell scripting, and unit testing.

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| Technical Skills | |
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| **Technology** | Data Warehousing, OBIEE, ETL |
| **ETL Tools** | Informatica 10.2, Control M |
| **Scheduling Tools**  **Reporting Tools**  **Scripting** | Autosys, Control M, DAC.  OBIEE 10.1.3.4. BI Publisher  BTEQ and Unix |
| **SQL** | Oracle PL/SQL |
| **Databases** | Oracle, Teradata, Db2, Sybase. |
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| Relevant Project Experience | |

**Project #1**

**Project : Conversion to IICS from PC**

**Client : PRAHS**

**Organization : Wissen Infotech.**

**Role : Principle Engineer**

**Duration : Feb – Till current**

**Environment : IICS Data Integration, Informatica PC, Oracle DB**

**Responsibilities**

* Helped the team technically in troubleshooting the issues encountered during conversion of Informatica PC to IICS.
* Streamline the process of effective conversion and testing..
* Implemented multiple work-around for the issues occurred while Workflow/mapping conversion to Mapping Task/Taskflows in IICS.
* Performed multiple POC’s during the project.
* Lead the big team of 25 members in all technical issues.

**Project #2**

**Title : IDH**

**Client : Wellmark**

**Tools : IICS, AWS, Informatica PC 10.2, Mongo DB**

**Database : Mongo DB (No SQL), Amazon Redshift**

**Team Size Details : 5**

**Role : Subject Area Owner/ Team Lead**

**Period : From April 2019 till Feb. 2021**

**About CLIENT**

Wellmark Blue Cross Blue Shield is a mutual insurance in the United States with more than two million members in Iowa and South Dakota. It is the dominant health insurance in Iowa. It is an independent licensee of the Blue Cross Blue Shield Association. Founded in 1939, Wellmark offers dental and health insurance as well as life insurance. It will begin participating in the health care exchange for 2017.

**ROLES AND RESPONSIBILITIES IN THE PROJECT**

* Created PC mappings to generate files Infa ETL server.
* Audit balancing and error handling in Power center mapping.
* Created Ksh scripts to move file from ETL server to AWS S3 buckets using CLI commands
* IICS Jobs to move data S3 files data to to different layers like RE layer (Redshift), DE layer (Redshift) and COV layer (Mongo DB) after applying business logic in each layer.
* Created Taskflows for running Mappings tasks at each layer.
* Parameterization of Mappings in PC and IICS.
* Created Taskflows to run multiple mappings parallel or sequentially as per business requirement.
* Migrating the Jobs to higher environment form SIT, to UAT to PROD.
* Collaborating with different teams to ensure correct data movement between up-stream and downstream teams.
* Lead the team and help the new resources in technical aspects.
* Created knowledge artifacts for the team.

**Project #3**

**Title : Mattel SMART Migration**

**Client : Mattel**

**Operating System : Unix**

**Tools : IICS, GCP, Informatica power center 10.2, Control M**

**Database : Oracle, Netezza**

**Team Size Details : 2**

**Role : Module Owner/ Team Lead**

**Period : From Aug 2017 onwards – March 2019**

**About CLIENT**

Mattel, Inc is an American multinational toy manufacturing company founded in 1945 with headquarters in El Segundo, California. The products and brands it produces include Fisher-Price, Barbie, Monster High, Ever After High, Polly Pocket, Hot Wheels, Matchbox, Masters of the Universe, American Girl, Thomas & Friends, and WWE.

**ROLES AND RESPONSIBILITIES IN THE PROJECT**

* Responsible for converting one subject are in Enterprise Datawarehouse in Informatica Power center jobs to IICS MCT and DSS jobs and integrated the data to Datalake systems in GBQ.
* Developed parameterized IICS jobs that take incremental load from the Oracle source and load to DLS in GCP after applying business logic.
* Scheduled all Jobs as per requirement in CA tool.
* Collaborating with Google Cloud team to move data from Data Lake System to Discovery and analytical layer with the help of DSS Jobs.
* Created knowledge artifacts for the team.

**Project #4**

**Organization: CTS, Hyderabad.**

**Title : NAB - TPM and FLNA-GTM ETL**

**Client : Pepsico**

**Operating System : Unix**

**Tools : Informatica power center 10.2, Control M**

**Database : Oracle, Teradata , Sybase and Db2**

**Team Size Details : 4**

**Role : Module Owner/ Team Lead**

**Period : From April 2014 till Aug 2017**

**About CLIENT**

*PepsiCo is a global food and beverage leader with net revenues of more than $65 billion and a product portfolio that includes 22 brands that generate more than $1 billion each in annual retail sales.*

Project objective is to integrate the data from multiple source system like Deal, CAS and CPS spread across different databases and to send the business related information to Webservice systems

**ROLES AND RESPONSIBILITIES IN THE PROJECT: NAB-TPM**

* Worked as an offshore lead for TPM (ETL) and FLNA Projects for any development, enhancement or support work associated with these projects.
* Interacting with client on regular basis to understand the requirement and subsequently work for and development or enhancement tasks. Also, leading daily calls with client for operational support activities.
* Preparing ETL to Integrate data across various databases (Sybase, Oracle and DB2) based on business requirement.
* Create Web-services based ETL mapping in Informatica for moving CAS Webservice source data to various application like TPM, Admin Tool etc. based on specific requirement.
* Very Good Experience in debugging the code and optimize the flow using ETL and Database.
* Worked on multiple UNIX shell scripts/BTEQ to improve overall performance and enhance error handling.
* Worked on Informatica upgrades from 9.5 to 9.6 and from 9.6 to 10.2.
* Performed Migration activities - export/import objects from DEV to SIT, SIT to UAT, UAT to PROD Environments.
* Worked on performances improvements for pre Batch Jobs.
* Provided KT to multiple team and during onboard of new members in TPM team.
* Working with different downstream and upstream applications members for resolution of any support issue.
* Handling Ad-hoc request from clients and provide them offshore support.
* Adhering to Best Practices while using Informatica Cloud and PowerCenter.
* Created knowledge artifact on various subjects like web services and Error handling.

**ROLES AND RESPONSIBILITIES IN THE PROJECT: FLNA GTM ETL**

* Worked as an offshore lead FLNA Projects for any development, enhancement or support work associated with these projects.
* Support 4 main system GMI, GTMI, GRB and GDS single handedly from offshore for Control M project.
* Well versed with Control M tools that was the main tool for scheduling Jobs in FLNA project.
* Identify the issues in case of any failures of any jobs and fix them appropriately.
* Coordinating with other teams during planned outage and identify the affected Control M Jobs during Planned outages. And take appropriate action.
* Created new Jobs as well as modified jobs as per requirement in Control M.
* Updated existing Informatica mappings in GDS system based on requirement.
* Worked on Unix scripting for implementing business scenarios.
* Generate comparison (between different systems) reports like GPM-CAS and GPM-MDM based on client request.
* Enhance for KPI Jobs in Control M for FLNA.
* Worked on Informatica and Unix upgrades.
* Provided general KT to teams regarding Control M tool as well as project specific trainings.
* Create knowledge artifacts for general understanding of Control M as well high level design document for FLNA project.

**Project #5**

**Organization: CTS, Hyderabad.**

**Title : Dean S2S and Logistic KPI**

**Client : DEAN FOODS**

**Operating System : Windows XP**

**Tools : Informatica power center 9, Teradata 13**

**Team Size : 8**

**Role : Senior Developer/ Module Owner**

**Period : Sept 2013 – Mar 2014**

**About CLIENT**

*Dean Foods is an American food and Beverage Company grew rapidly during the last decade by acquiring and integrating independent regional Dairy companies. These regional dairies have a variety of underlying transaction processing systems including DMS, Ross RAMS, RMS, Destiny, SAP Heartland and BPCS. FDD and Morningstar business units also have legacy Sales databases with significant differences in how Sales Reports are generated, including how metrics such as Net Revenue and Gross Margin are calculated.*

**Project Description:**

*The objective behind implementation of this project involves bringing several source systems data into the Enterprise Sales Data Warehouse (ESW). Going forward a common format is required for calculating and reporting Volume, Revenue and Gross Margin metrics by Customer, by Ship-to location and by Product. In response to this, Dean Foods is designing an Enterprise Sales Warehouse that includes an Enterprise Data Warehouse-based Sales reporting component.*

ROLES AND RESPONSIBILITIES IN THE PROJECT:

·        Developing mappings based on the business requirements.

·        Developed Teradata BTEQ scripts for validating the data.

·        Writing unit testing cases based on the knowledge obtained from the existing system.

·        Fixing any defects which were raised by QA team.

·        As a part of SIT coordinator gained knowledge on System Integration Testing.

**Project #6**

**Title : Proof of Concept.**

**Client : American Express, USA**

**Operating System : Windows XP**

**Tools : Informatica power center 9.5.1 BIG DATA EDITION, My Sql, Oracle**

**Team Size : 5**

**Role : Senior Developer/ Module Owner**

**Project Description**

*American Express is a global services company, providing access to products, insights and experiences that enriches lives and build business success. The purpose of the project was to leverage an off the shelf software solution that will discover and protect sensitive data elements throughout the Hadoop/Big Data environment*

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##### Role and Responsibilities

***Sr. Informatica Developer (R&D)***

* Evaluate the Informatica 9.5.1 power center BDE Developer tool for different test case scenarios in both native & hive (Hadoop) environments.
* Designed various mappings using transformations like Look-Up, Router, Update Strategy, Filter, Sequence Generator, Joiner, Aggregator, and Expression Transformation to ensure their performance in Native & Hive (Hadoop) environments.
* Develop Informatica mappings to implement the R&D test cases provided by the client.
* Extract data from source oracle tables and flat files using Power center big data edition developer and loaded into Oracle Server Database tables.
* Implement test case scenarios to evaluate the performance of Power center big data edition developer tool and access the performance of the tool
* Tuning Informatica Mappings to identify and remove processing bottlenecks and evaluate the feasibility of different transformations in Native & Hive environment.
* Deploy mappings across different repositories and ensure the feasibility & performance of mappings developed across different repositories.
* Analyze the source data for different scenarios as per the requirements.
* Develop feasibility & test case evaluation reports as per client requirement.

**Project #7**

**Title : BIDW**

**Client : American Express, USA**

**Operating System : Windows XP**

**Tools : Informatica power center 9.1, DB2**

**Team Size : 3**

**Role : Senior Developer**

**Project Description**

*American Express is a global services company, providing access to products, insights and experiences that enrich lives and build business success. The purpose of the project was to leverage an off the shelf software solution that will discover and protect sensitive data elements throughout the Hadoop/Big Data environment*

##### Role and Responsibilities

***Sr. Informatica Developer***

* Extract data from source flat files loaded into DB2 Server Database tables.
* Build informatica mapping for populating staging tables. Business logics are applied in staging mappings.
* Create DW Mapping for populating DW tables.
* Unit testing for all the developed mapping.
* Tuning Informatica Mappings to identify and remove processing bottlenecks.
* Analyze the source data for different scenarios as per the requirements.

**Project #8**

**Project : Electronic Customer Management System.**

**Client : Pfizer Pharmaceuticals**

**Duration : Jan 2010 – Jul 2012**

**Team Size : 4**

**Tools : DAC and Informatica**

**Application : Siebel Pharma 7.8 and OBIEE 10.1.3.3**

**Role : Application Support and Maintenance**

**Description:**

*Pfizer is a leading pharmaceutical Company across the Globe manufactures human therapeutics and biologics.*

*The Electronic Customer Management System (ECMS) is Sales Force Automation (SFA) and Sales Analysis tool. This tool is designed to support common European selling activities, and processes that the sales force engages in, while interacting with customers. Pfizer ECMS system is implemented using Siebel and incorporates best practices in activity planning, call recording and reporting processes.*

*This tool is designed to support common ECRM (Electronic Customer Relationship Management) selling activities, and processes that the sales force engages in, while interacting with customers.*

*The ECMS Analytics system is based on Siebel Analytics - Pharma v7.8. The Siebel Analytics System is seamlessly integrated with the Siebel SFA system (Refer the ECMS Siebel SFA Core FSD for the SFA Functional Specifications) and a user who logs into Siebel SFA can seamlessly move to the Territory Analysis Tab (without re-login) and see Analytics reports online (i.e. when he is connected to the corporate network).*

**Types of Report in Analytics**

* Sales Report
* Activity and Attendance Report
* Coverage and Desired Frequency Report
* Application Usage.

**Responsibilities**: **Operations support and Maintenance**

* Extensively worked on Informatica Tools- Source Analyser, Target Designer, Mapping Designer, Transformation Developer, Workflow Manger, Workflow Monitor.
* Created Informatica Mapping, Mapplet and Reusable Transformation.
* Used various transformations like Source Qualifier, Filter, Aggregator, Joiner, Router, Expression, Connected and Unconnected Look-up, Sequence Generator and Update strategy in the project.
* Integrate the data from various sources to target.
* Data Loads from OLTP (Siebel data) to OLAP (Analytics) through DAC.
* Optimizing the mapping to load data in slowly changing Dimension.
* Performed Load tuning as per requirement.
* Performed Informatica maintenance work such as debugging the root cause in case of failure of this load.
* Built Key Performance Indicator Reports in OBIEE Dashboards.
* Provided Access to Authorized users only to view these Reports
* Modification/Enhancement of Reports in case of requirement.
* Worked in up-gradation of Online and Disconnected Analytics from version 10.1.3.3 to 10.1.3.4.1.
* Worked in Automation of Synchronization Report (Client Requirement) through Analytics iBOTS.

**Project #9**

**Client : BAYER CROP SCIENCES**

**Duration : Jul 2012 – Nov 2012**

**Team Size : 2**

**Software : Oracle BI Publisher integrated with Siebel Systems**

**Role : Reports Developer**

**Description:**

*Bayer Crop Science is with annual sales of about EUR 6.8 billion one of the world's leading innovative crop science companies in the area of crop protection (Crop Protection), non agricultural pest-control (Environmental Science), seeds and plant biotechnology (BioScience)*

**Responsibilities**: **BIP Reports Developer**

* Requirement analysis for the reports.
* Preparation of Functional Design and Technical Design Documents.
* Preparation of RTF templates for the reports.
* Creation of Integration Objects and Integration Components in Siebel Tools.
* Creation of Calculated fields in different BC’s.
* Creation of Multi lingual Reports.
* Creating the Parameterized Report
* Migration of Reports from one environment to another.
* Testing of Reports.

**Project #10**

**Project : FIDELITY**

**Client : Fidelity Investments**

**Duration : Aug 2009 – Dec 2009**

**Team Size : 3**

**Software : Oracle BI Publisher integrated with Siebel Systems**

**Role : Reports Developer**

**Description:**

*Fidelity Investments, is one of the largest*[*mutual fund*](http://en.wikipedia.org/wiki/Mutual_fund)*and financial services groups in the world. It is the largest provider of 401(k) retirement plan services in the country. I have developed around 10 different types of report in BI Publisher.*

**Responsibilities**: **BIP Reports Developer**

* Requirement analysis for the reports.
* Preparation of Functional Design and Technical Design Documents.
* Preparation of RTF templates for the reports.
* Creation of Integration Objects and Integration Components in Siebel Tools.
* Creation of Bar Charts reports.
* Creating the test cases.
* Testing and Debugging of reports.
* Performing the enhancements/modifications as per the request from client.