

Certified Informatica MDM Hub Specialist
Certified Informatica PowerCenter Developer



Profile Summary

Over the past **14.5 years**, I'm working in the **IT Services sector** as a **Technical Consultant** and **MDM/DI/DQ Applications Developer**; and presently as a **Senior Technical Solution Architect and Delivery Manager**, with Specializations in **Data Transformation, Data Quality & Master Data Management** and Expertise in **Informatica PowerCenter, Informatica Intelligent Cloud Services, Informatica Data Quality and Informatica MDM (Siperian)** applications.

I had Provided Presales support along with **solutioning and system design**, specializing in Cloud Data Integration, IICS, PowerCenter, IDQ AND MDM Solutions; Assisting in technical discussions and proof of concepts to demonstrate and deliver the value of those products along with **Performance tuning** to efficiently leverage the Informatica MDM and DI/DQ Product suites.

I had provided **Strategy & Planning, Architecture design, Implementations, Enhancements and Production Support services** to several Fortune100 companies spanning in **Life Sciences, Healthcare, Pharmaceutical, Automobile, Manufacturing, Hi-Tech, Financial and BFSI Institutions/Industries**.

I have implemented multi-country MDM deployments spanning across **North America, South America, Europe, Asia Pacific, Australia and Japan**.

I have also implemented **multi-cloud and Hosted MDM Solutions** for my customers. I have experiences in **Informatica Customer 360, Supplier360 and Reference360 packaged Solutions**.

Responsibilities so far involved end to end handling of Analysis, Development, Unit and Integration Testing, Documentation, Enhancement, Maintenance, Operational Support, SPOC for PROD/UAT migration, Job scheduling, Upgrading (MDM/ETL/Database – to new versions) and knowledge transitions to clients, business analysts and teammates/colleagues.

As an application developer, I have worked on multiple technologies and have played multiple roles in delivering end-to-end MDM, BI, Data Integration and Governance Solutions.

Technical Skills

TECHNICAL DOMAIN	Business Intelligence and Data Analytics
PRIMARY SKILL/S	Master Data Management using Informatica MDM, ETL using Informatica Intelligent Cloud Services (IICS), Informatica PowerCenter (version 7.x, 8.x, 9.1 and 10x) and IBM Data Stage. Data Quality using Informatica Data Quality along with other required softwares and tools.
ADDITIONAL SKILLS	Informatica Cloud C360, Customer360, Supplier360, Reference Data Management / Reference360, Siperian HUB Architecture, Informatica Data Director (IDD), Active VOS, Informatica Provisioning Tool, Services Integration Framework, Dimensional Modeling (Star Schema & Snow Flake Schema design), DBMS & RDBMS Concepts, SQL, PL/SQL, UNIX,etc.

Work Experiences

Organization	Designation	Duration
Kelly Service Pvt. Ltd.	Software Solutions Architect	September 2020 - Present
Informatica Professional Services	Senior Consultant III	October 2018 – September 2020
Tata Consultancy Services	Associate Consultant	March 2018 – October 2018
Genpact India Private Limited	Lead Consultant / Architect	June 2015 – March 2018
IBM India Private Limited	System Engineer	June 2010 - June 2015
Accenture Services Private Limited	Senior Programmer	July 2007 – June 2010

Qualifications

Degree	Specialization	University / Institute	Duration	Marks Percentage /
M.B.A(F.M.) - Distance Education	Financial Management	Annamalai University, Chidambaram, TN.	2009 – 2012	62%
B. Tech (CSE)	Computer Science	IIIT, Kolkata (Visva Bharati University), W.B.	2003 - 2007	66%

Specializations

- 1) Informatica MDM Hub V9.0.1, V9.5.1, V10.1, V10.3 HF4, V10.4 HF3
- 2) Informatica Data Director (IDD/Business Data Director) and Business Entities Modeling using Informatica Provisioning Tool

- 3) Informatica PowerCenter and Informatica Intelligent Cloud Services (IICS)
- 4) Siperian Master Data Management XU-SP2
- 5) Microsoft Azure Cloud Platform
- 6) Services Integration Framework (SIF), Schema Manager, Metadata Manager (MM), SAM & Hierarchy Manager (HM) tools
- 6) Version Up-gradation from Siperian XU SP2 to Informatica MDM 9.x and Informatica MDM 9.x to Informatica MDM V10.3 or V10.4
- 7) IDD Implementation & Hierarchy Manager (HM) Installation & Configurations.
- 8) Performance Tuning and Optimization in Informatica PowerCenter & DBMSs (source & target sides).
- 9) Improving Session Performance using Pushdown Optimization in PowerCenter
- 10) Batch and R/R Framework Services development & deployment using Control-M and Informatica BDU tools.

Project Experiences

Project - 12

Project Name:	Kelly Customer Master Implementation	
Client	Kelly Services Pvt. Ltd., Troy, Michigan, USA	
Role	Senior Solution Architect and Offshore Delivery Manager	
Organization	Kelly Services Pvt. Ltd	
Duration	Sept, 2020 – Present	
Team Size	Project : 18	Module : 14
	Technology :	Informatica MDM V10.3HF3, IDD - Informatica Data Director, Oracle, SQL Server, AVOS, JBOSS, IICS, IDQ, Address Doctor

Project Overview - The objective of Kelly Customer MDM project is to develop a standard customer definition to ensure a consistent understanding to be used as the “source of truth” company-wide. This customer definition will support connecting various source systems within and across the organization, allowing 360-degree view of a Customer.

The Customer MDM solution should allow consistent customer communication & product offerings, sales and marketing campaigns, whitespace customer development efforts across business lines, process optimization and predictive customer behavior modeling & analysis.

My Contribution - I am working as the Solution Architect and Offshore Delivery Manager in this project. I am managing all MDM, IICS, IDQ and Testing resources from Kelly as well as from our vendor company, Sogeti (Capgemini). I am responsible for the Technical delivery of Customer MDM project and develop framework for Data Governance and MDM that can be leveraged across different business units in Kelly.

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Project Name:	PPG Customer and Supplier Masters	
Client	PPG Industries, USA	
Role	Principle Consultant	
Organization	Informatica Business Solutions Pvt. Ltd.	
Duration	Feb, 2019 – March, 2020	
Team Size	Project : 18	Module : 12
	Technology :	Informatica MDM V10.3, IDD - Informatica Data Director, Oracle, PL/SQL, IICS, IDQ, Address Doctor and Google Address Validator
	Software's :	IICS, IDQ and Informatica MDM product suits
	Database :	MS SQL Server

My Contributions, The PPG Customer and Supplier Masters project is designed to feed mastered customer and supplier information to the enterprise data warehouse, spanning the domains of Customer, Product, Alignments and Sales Roster data. The MDM will take data from various internal and external sources and publish to the CDW and other downstream ERPs and various other applications across PPG worldwide.

I was working as a principal consultant in the project wherein I am responsible for the overall design and development activities and managing & coordinating with both ETL (IICS & IDQ) and MDM consultants/developers based across locations (in US, Bangalore and Hyderabad). I am also responsible for coordinating with my managers/directors/senior directors in Informatica Professional Services and from the Customer team on a regular basis, Stabilization and ME&C meetings with senior PPG (client) management personals.

Project - 10

Project Name:	Novelis Data Analytics Platform	
Client	Novelis, USA, Europe, Brazil and Korea	
Role	MDM Solution Architect	
Organization	TATA Consultancy Services Ltd.	
Duration	April, 2018 – Present	
Team Size	Project : 14	Module : 5
	Technology :	Microsoft Azure Cloud Platform, Informatica Big Data Management (BDM), Informatica MDM V10.2, IDD - Informatica Data Director, Oracle, PL/SQL, MS Power BI and Azure Data Lake

My Contributions, The Novelis DAP project is designed to feed Supplier and Material (Metal & Non-Metal) data into the Azure Data Lake, and further standardized and DQ checks and Golden Record formation. The MDM will take data from various internal and external sources and publish back the Golden Records into the Azure Data Lake. The master data along with Transactional data will be further consolidated into a Data Mart, from where various reports using MS PowerBI will be generated and the data will be further used for Spend Intelligence and other purposes by various downstream systems. I am working as the MDM Solution Architect and Data Modeller in this project. I am leading a team of senior and junior MDM developers across onsite and offshore locations. I have recommended Informatica CC360 and Product360 along with Active VOS and IDD.

Project - 9

Project Name:	Otsuka Atlas	
Client	OAPI, USA	
Role	Lead Consultant	
Organization	Genpact India Pvt. Ltd.	
Duration	July, 2016 – March, 2018	
Team Size	Project : 35	Module : 7
	Technology :	Informatica MDM V10.2, IDD - Informatica Data Director, Oracle, PL/SQL,
	Software's :	Informatica PowerCenter 9.5, Informatica MDM 10.2
	Database :	Oracle 11g

My Contributions, The Otsuka Master Data support and enhancement project is designed to feed reference data to the commercial data warehouse, spanning the domains of Customer, Product, Alignments and Sales Roster data. The MDM will take data from various internal and external sources and publish to the CDW.

I am working as a senior consultant in the enhancements and change requests module/s of the project wherein I am responsible for the overall design and development activities and managing & coordinating with both ETL and MDM developers based across locations (in Princeton, Bangalore and Hyderabad). I am also responsible for coordinating with my managers in Genpact in the weekly CCB, Stabilization and ME&C meetings with senior Otsuka (client) management personals.

Project - 8

Project Name:	Customer Master Hub	
Client	BMC Software, USA	
Role	Lead Consultant	
Organization	Genpact India Pvt. Ltd.	
Duration	July, 2015 – Feb, 2016	
Team Size	Project : 8	Module : 6
	Technology :	Informatica MDM 9.5, IDD - Informatica Data Director, Oracle, PL/SQL,
	Software's :	Informatica PowerCenter 9.1, Informatica MDM 9.5.1
	Database :	Oracle 11g

My Contributions, The BMC Customer Master Implementation was meant for BMC's customer data to be matched, merged and de-duplicated and finally the Golden records (Best Version of Truth) to be fed back to the source systems and other CRM and client's internal applications. I was working as a senior developer and team lead in the implementation phase of this project. I worked in the design, build, SIT, and deployment phases of this project.

Project - 7

Project Name:	Bill Presentment Application		
Client	Telus, Canada.		
Role	Senior Informatica PowerCenter Developer		
Organization	IBM India Pvt. Ltd.		
Duration	July, 2013 – Present		
Team Size	Project : 34	Module : 7	
	Technology :	Informatica PowerCenter, Control-M, SQL	
	Software's :	Informatica PowerCenter 9.1.0, Control-M Enterprise Manager 6.4.1	
	Database :	Oracle 10g	

My Contributions, Bill Presentment application is responsible for extracting the Usage and Customer information, combining that information with proper formatting to compose a complete Bill for the end customers. It then transfers that data to an external system for printing (a paper bill), displaying (an electronic bill), or reporting. I am playing the role of a Senior Informatica ETL Specialist in the BP application wherein I am responsible for

- Detailed Analysis of Logical & Physical data models and database schemas of the project.
- Responsible for creating High level design documents and Inventory sheet and ETL Runbook.
- Responsible for optimization of the high volume Bill Presentment databases using Performance Tuning at the Source level, Target level, Mapping Level and Session Level.
- Tuned SQL statements, Informatica mappings, used Informatica parallelism options to speed up data loading to meet defined SLA
- Created mapplets for reusing transformation logic in multiple mappings.
- Extensively worked with Informatica – Source Analyzer, Warehouse Designer, Transformation developer, Maplet Designer, Mapping Designer, Workflow Manager, and Workflow Monitor to develop various complex mappings, mapplets, reusable transformations, session tasks and Workflows.

Project - 6

Project Name:	Panasonic MDM		
Client	Panasonic, EMEA.		
Role	Informatica MDM Technical Lead		
Organization	IBM India Pvt. Ltd.		
Duration	June 2012 – July 2013		
Team Size	Project : 8	Module : 3	
	Technology :	Informatica MDM 9.5, Informatica PowerCenter 9.1, Oracle, PL/SQL, IDD - Informatica Data Director	
	Software's :	Informatica PowerCenter 9.1, Informatica MDM 9.5	
	Database :	Oracle 11g	

My Contributions: I had joined the Panasonic MDM project in June, 2012. In this project, I was working as an **Informatica MDM Tech Lead** for **managing the Customer Master Data** for

Panasonic's EMEA affiliates.

I was responsible for finalizing changes relating to Base Objects, Landing Tables, Configuring Mappings, Cleanse Functions and Trust & Validation Rules for the Customer MDM HUB, Supervision of Data Quality, ETL development, Data-integration and testing.

Mentor and provide direction to less experienced resources regarding MDM platform, development, processes, and product architecture.

I was also responsible for managing and coordinating with the ETL and MDM developers in the team, preparing Weekly Status Reports and Project Status reporting to Geo Management and Customer in various project calls and meetings.

During the Production Support phase of this project, I was responsible for defect fixing and enhancements relating to IDD, HM (Hierarchy Manager), Cleanse Functions, Mappings, code changes in the Hub Console, Inbound and Outbound Informatica mappings, sessions and workflows.

Project - 5

Project Name:	MIDAS MDM Customer Master Implementation and Support		
Client	Eli Lilly, UK.		
Role	Initially Informatica MDM Developer and later MDM Technical Lead		
Organization	IBM India Pvt. Ltd.		
Duration	June 2010 – Aug 2012		
Team Size	Project : 10		Module : 5
	Technology :	Informatica MDM 9.0.1 (formerly Siperian XU SP2), Informatica PowerCenter, Oracle, PL/SQL, IDD - Informatica Data Director (formerly BDD)	
	Software's :	Informatica PowerCenter 8.6.1, Informatica MDM 9.0.1	
	Database :	Oracle 10g	

The scope of this project is to Support a MRM Hub which will identify the Customer Master Data across different countries such as UK, Australia, Spain, Germany, France, Italy, Japan and Mexico using Informatica MDM (formerly Siperian) as the MDM Tool, IDD (formerly Business Data Director) for direct data entries to the Base Objects and ETL using Informatica PowerCenter.

The customer data will be matched, merged and de-duplicated and finally the Golden records (Best Version of Truth) of the customer information will be fed back to the source systems and other CRM and client's internal applications.

This is **one of the most critical Customer MDM project** in the Health Care domain and is supported jointly by IBM UK and IBM India for Eli Lilly & Co, UK.

My Contributions: I had joined the MIDAS Support project in end of June, 2010. In this project, I was initially working as a Siperian developer for managing the Customer Master Data for 7 affiliates. **My role** as an Informatica MDM Support specialist for Customization of the existing MDM HUB, HM and IDD were :-

- 1) Coordinating with the ETL and Siperian developers in the team, assigning TTs and CRs to the team members, managing delivery and client communications.
 - 2) Finalizing changes relating to Base Objects, Landing Tables, Look Ups, Configuring Mappings, Cleanse Functions, Batch Groups and Tuning Match Rules and Trust & Validation Rules etc.
 - 3) Bug fixing and enhancements relating to IDD, HM (Hierarchy Manager), Cleanse Functions, Mappings, Inbound and Outbound Informatica mappings, sessions and workflow related, and code changes in the Hub Console.
 - 4) Upgrading from Siperian XU SP2 Hub Server to Informatica MDM 9.0.1 and applying all the Hot fixes and Patches as and when made available by Informatica.
 - 5) Migration of Metadata and code changes from one environment to another using Informatica Metadata Manager and also using Oracle Import and Export of utility and promoting Incremental changes between the different environments.
 - 6) Writing User exit using Dynamic SQL, calling Batch and individual Jobs by using Oracle PL/SQL Procedures.
 - 7) Maintenance and Administration of the environments (like managing log files, archiving and cleaning temp files etc).
 - 8) Working with Informatica Product Support team for analyzing Product related bugs and enhancement requests.
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Project - 4

Project Name:	MSSB Data Migration (Morgan Stanley - Smith Barney Data Migration)		
Client	Morgan Stanley Smith Barney, New York USA.		
Role	Senior Informatica Developer.		
Organization	Accenture Services Pvt. Ltd.		
Duration	Jan 2010 – Jun 2010.		
Team Size	Project : 54	Module : 12	
	Technology :	Informatica PowerCenter, MS SQL Server	
	Software's :	Informatica PowerCenter 8.6.1, Informatica PowerExchange	
	Database :	MS SQL Server, Oracle 10g	

My Contributions: I had joined the MSSB Data Migration project in mid of January, 2010. In this project, I had worked as a Senior Informatica ETL developer with responsibilities of direct interactions with the client team to document and understand the high level mapping documents and converting them in low level design documents. I was responsible for creating Informatica Mappings for loading the source system (mainframe systems) extracts into 2 intermediate staging tables and finally to Load Ready flat files.

Project - 3

Project Name:	ACG – MMSEA (Medicare, Medicaid and SCHIP Extension Act, USA)
Client	Auto Club Group, Michigan USA.
Role	Informatica Developer

Organization	Accenture Services Pvt. Ltd.		
Duration	Sep, 2009 – Mar 2010		
Team Size	Project : 14	Module : 1	
	Technology :	Informatica PowerCenter, SQL	
	Software's :	Informatica PowerCenter 8.6.1	
	Database :	Oracle 9i	

My Contributions: I had joined the MMSEA Module in September, 2009. In this module, I had worked as an Informatica ETL developer. I was responsible for creating Informatica Mappings for loading the source system (mainframe systems) extracts to a customized repository for reporting purpose.

Project – 2

Project Name:	ACG – EA Reporting		
Client	Auto Club Group, Michigan USA.		
Role	Actuate Developer		
Organization	Accenture Services Pvt. Ltd.		
Duration	Apr, 2009 – Mar, 2010		
Team Size	Project : 37	Module : 2	
	Technology :	Incentive Compensation Management	
	Software's :	Callidus TrueComp and Actuate eRD Pro	
	Database :	Oracle 9i	

My Contributions: I had joined the ACG project, in April, 2009. In this project, I had worked as an Actuate developer for facilitating Reports development for the brokers and the individual agents of ACG and I have also involved in coordinating with the onshore team for creating and implementing ACG Enterprise Incentive Management process using Callidus TrueComp.

In this project, I was involved in developing 8 custom reports for reporting the commissions and bonuses earned by the various agents of ACG. In the UAT phase of this module, I was also responsible for providing UAT support to the client team.

Project - 1

Project Name:	BCBSF – ICAM		
Client	Blue Cross Blue Shield, Florida USA.		
Role	Informatica Developer and later moved into Callidus TrueComp Development.		
Organization	Accenture Services Pvt. Ltd.		
Duration	Nov, 2007 – Feb, 2009		
Team Size	Project : 19	Module : 2 and 4	
	Technology:	Incentive Compensation Management / Enterprise Incentive Management	
	Software's :	Informatica PowerCenter (v7.1.1 & v8.6), Callidus TrueComp (v4.5), Actuate eRD Pro (v8)	
	Database :	Oracle 9i	

The BCBSF – ICAM project deals with automating the compensation management process for the employees and the channel partners of Blue Cross & Blue Shield of Florida.

My Contributions: This project had started in July 2007, and I joined the project on Sep, 2007. In this project, I had worked with various technologies like ETL with Informatica and Incentive Compensation Management with Callidus TrueComp in the different phases consisting of design, development, unit testing and production support activities.

Training & Continuing Education

<u>Course</u> <u>Proficiency</u>	<u>Company/Vendor</u>	<u>Date Taken</u>	
1) Informatica PowerCenter	Accenture	Aug 2007	Expert
2) Callidus TrueComp (EIM) Proficient	Accenture	Dec 2007	
3) Informatica Advanced Training	Accenture	Feb 2009	Proficient
4) Siperian MRM	IBM	Jun 2010	Expert
5) Informatica MDM	IBM	Dec 2010	Expert
6) Informatica Data Director (IDD) or BDD	IBM	Jun 2010	Expert
7) Cloud Computing	IBM	Nov 2013	Trained
8) IBM Big Data	IBM	Feb 2014	Trained
9) IBM BlueMix	IBM	Feb 2014	Novice
10) Microsoft Azure Cloud Platform	TCS & Microsoft	May 2018	Proficient

Other Relevant Information:

Date of birth: 17-Apr-1985

Nationality: Indian

Father's Name: Naba Kumar Mukherjee

Marital Status: Married

Languages Known: English, Hindi and Bengali (native language)

Extra-Curricular activities: Playing Cricket (school team captain for 3 yrs) and Football, Listening Music and Social Welfare activities.

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