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| oracle_certprof_clr_rgb  **Ranjan Kumar Roy**  ***Result-driven professional*** *skilled in building key relationships to enhance company growth and objectives, while maintaining a thorough understanding of leveraging existing and emerging technologies to drive business goals; targeting assignments as* ***IT Head/ Project Management/ Database Administration/Data Science/ Data Analytics*** *with an organization of repute*    **+91-9830484852  ranjankroy@gmail.com** | |
| **Career Timeline**  cid:image002.png@01D5A459.5B0868A0  **Cognizant Technology Solutions**  **PriceWater House Coopers Pvt. Ltd.**  **UshaComm Pvt. Ltd.**  **CMC Ltd.** | knowledge24x24icons **Profile Summary**   * **IT leader with 22 years of experience** in IT Infrastructure, Project Management, Database/ Unix Administration, and Team Management * **Domain Expertise:** Healthcare, Banking & Financials, insurance, Telecomm * **Skills in managing end-to-end project plannin**g and implementation from scope management to activity sequencing, effort & cost estimation, risk analysis to quality management in line with international guidelines and norms * Expertise in supervising & delivery execution of **DBA implementation and integration projects** * Currently leading & managing **Cloud Based** **Informatica IICS activity of Sanofi MDM Implementation Project, Japan** * **Expertise in planning & building IT Infrastructure** at the enterprise scale involving selection of appropriate technology and products, negotiating with vendors, finalizing Service Level Agreements, outsourcing tasks * **Skilled in Informatica** IICS, IDQ, EDC, Power Center, **SAS** MDM tool , SAS Data Flux, IBM Data & Quality stage, **Informatica MDM Implementation** **& administration** * Excellence in **CRM Siebel E-Business Application** * **Solutions driver who bridges the gap** between business and technology with expertise in managing complex programs and multiple concurrent projects * **Insightful exposure in concepts of data science** which includes Programming Language (like Python/R), Machine Learning, Mathematics (Statistics, Linear Algebra, differential calculus etc), Data visualization (like Tableau, Power BI etc) * Advanced analytics, predictive modeler, machine learning algorithm & data mining in multiple technical and functional domains * **High integrity & energetic leader**, leading & motivating individuals to maximize levels of productivity; customer centric professional, managing large workforce for exceeding customer expectations in delivery of committed services |
| core24x24icons **Core Competencies**   * **Data Analytics** * **Data Science** * **Informatica/ Cyber Security** * **Database/Unix Administration** * **Technical / Development** * **Project Management** * **Conﬁguration, Installation & Migration** * **Back-up & Disaster Recovery** * **Server Maintenance** * **Incident, Problem/Change Management** * **IT Operations** * **Performance Tuning / Integration** | |
| * **People & Resource Management** * **Infrastructure Management** * **Process Enhancements** * **Recruitment & Training** * **IT Roadmap Governance** * **Business Solution Design** * **Client /Vendor Management** * **Operational Excellence** * **Escalation Management** * **Quality Management** * **People Management/SLA** | |
| **IT Skills**  **Hardware Platforms:** Solaris V-240/250/490,Compaq ProLiant Servers, HP E800 , HP LH 3000 U3,Sun,VAX-VMS  **Operating Systems:** Sun Solaris 8.0,9.0,WINDOWS-95/98/XP, 2003, MS DOS 6.22, , SCO UNIX 5.0.4 , Unix Ware 7.1.1, VMS5.0,HP-Unix, IBM AIX, Linux  **Tools and Packages:** SAS product Data Flux, SAS MDM, IBM Data Stage & Quality Stage, Informatica ,Talend, Siebel Tools, TOAD, Oracle OEM, Pivotal, ,Clover ETL tools, Informatica Quality stage, Informatica IDQ, Informatica MDM, Informatica EDC  **Programming:** Ansi C, SQL and PL/SQL, Unix Shell Script  **Database(s):** Oracle 8i, Oracle 9i, Oracle 10g, Oracle11g,SQL Server 2005, IBM DB2, Tera Data | |
| * **Organizational Experience**   **Since Oct'05: Cognizant Technology Solutions as Manager – Projects**  **Apr'05-Sep'05:PriceWater House Coopers Pvt. Ltd. as Sr. Consultant**  **Oct'04-Mar'05:UshaComm Pvt. Ltd. as Manager**  **Jul'97-Sep'04: CMC Ltd. as Engineer**  **Role:**   * Managing end-to-end project management activities inclusive of planning, effort, High Level Technical Design, Detailed level technical Design, scope, estimation, Design Mapping for reconciliation. resource coordination & delivery within TAT * Undertaking design & development, testing, debugging and troubleshooting of the application; supervising smooth implementation of the application * Building Informatica IICS mapping, task & workflow and IDQ profiling for source systems, IDQ Reconciliation * Steering database design, creation, maintenance and administration for several MS SQL Server 2000, SQL 2005 and Windows 2003 Clustering (Active/Active & Active/Passive) * Contributing to strategies and execution roadmaps for strict budget controls, IT infrastructure, security, crisis / disaster & business continuity plans, incident management, audits, compliance & regulations, and vendor management * Managing all aspects of IT Operations including Hardware (Server & Network) Management, Applications Management, Software Versions / Patches Management, Service Level Management, Compliance (Systems Operations), Back-up Management & Contingency Planning, and Datacenter Set-up & Data Centre Management * Helping with L1 to L3 DBA support for the MSSQL, Sybase ASE and MySQL and Postgres of Mission-Critical instances managing Terabytes of data * Checking project progress as per scheduled deadlines for various tasks and taking necessary steps to ensure completion within time, cost and effort parameters * Directing administration of database involving performance tuning, outage management, database recovery, script automation, managing the workflow, creation & administration of new & existing concurrent manager and registration of forms & concurrent request * Monitoring: * Development/QA/production Databases of MSSQL ,Sybase, Oracle, MySQL and Postgres Databases * Systems (It includes OS Tuning, Network Tuning, Database Tuning, ASE Tuning, Memory Tuning and Query Tuning) to support Online (OLTP) Users, Trading and daily reports for better performance * Sustaining the SQL Server database performance by calculating optimum values for database configuration parameters, implementing new releases, completing maintenance requirements and evaluating computer operating systems & hardware products * Writing database documentation including data standards, procedures & definitions for the data dictionary * Maintaining regular backups, restore databases and transaction logs as needed, import/export and replication of data, scheduling of tasks and monitoring their status * Supervising the creation and maintenance of database/application architecture and standards following SQL Server Best Practices for physical structures, logical databases, and user management * Administering code deployment, change management and quality assurance; creating indexes, views, triggers, stored procedures, functions and packages * Providing technical support to Application Development Teams and setting / maintaining standards * Creating tables paces, rollback segments, user maintenance, database security imposition by creation and granting of roles, performance tuning, backups, tuning of SQL statements and support for respective toolsets and utilities * Analyzing & designing effective and clear technical solutions for infrastructure and enterprise application related projects * Functioning as SPOC and Enterprise IT Interface to regional stakeholders and ensuring regular Business/IT alignment | |
| **Education**   * **MBA(Finance)** from St Xavier’s & Pondicherry University, Kolkata in 2019 * **MS (Computer Science)** from Manipal University, Bangalore in 2013 * **NET(Computer Science)** Qualified in 2013 * **BE(Computer Science & Engg)** from Jadavpur University, Kolkata in 1997   **Membership in Professional Associations and Publications:** Life Membership of Cryptology Research Society of India (CRSI) and attained International Conference in the field of Cryptology.  Z:\Approved_ResDev_Repository\Formats\Visual Resume Formats 2015-16\Icons\Professional-Affiliation24x24icons.png**Certifications**   * Oracle OCP Certification on Database Administration from Oracle Corporation   **Soft Skills** | |
| **Z:\Approved_ResDev_Repository\Formats\Visual Resume Formats 2015-16\Icons\personal-details24x24icons.png Personal Details**  **Date of Birth:** 15th January 1974  **Languages Known:** Hindi, English & Bengali  **Postal Address:** Kolkata | |

Project Annexure

**Cognizant Technologies Solutions**

Project: **Sanofi Mdm Implementation, Japan**

Duration: July 2019 – 17th Oct 2019

Technology: Informatica IICS and Semarchy MDM

Description: This engagement is for Sanofi MDM Implementation of Health Care Organization.

The MDM is intended to hold data for HCO, HCP, HCO Affiliation and Wholesalers golden master record. To creation of golden record from across the Sanofi business architecture landscape, to serve as the single source of truth, providing data integration, data quality management, master data management, metadata management and storage services that will serve applications and user communities with quality and conformed data for their different needs. Integrate downstream application to consume data from the golden master data.

Project: **BBC DMS Implementation , UK**

Duration: April 2019 – June 2019

Technology: Informatica IDQ and Informatica Enterprise Data Catalog(EDC)

Description: This engagement is for BBC DMS Implementation project.

The Data Management System (DMS) will be the backend engine of the BBC’s TV Licensing (TVL) Campaign Management System (CMS) Modernisation Programme. This solution outlines the specific components, how these are integrated, and the functions they fulfil. Overall, the DMS is intended to hold data from across the TVL business architecture landscape, to serve as the single source of truth, providing data integration, data quality management, master data management, metadata management and storage services that will serve applications and user communities with quality and conformed data for their different needs

Project: **TMNAFB ATD TBDP DEC (Toyota Project) , USA**

Duration: December 2018 – March 2019

Technology: Informatica IDQ and Informatica Enterprise Data Catalog(EDC), Hive DB

Description: This engagement is for Toyota MST application development project. These development has three parts Data Profiling, Data Reconciliation & Data Lineage. Also all the jobs are scheduled through Redwood scheduling tool.

Project: **Ecolab Global Customer Setup , USA**

Duration: June 2018 – November 2018

Technology: Informatica IDQ, Oracle 11g

Description: This engagement is for Ecolab Global Customer Setup for MDM development project. Account updated in MDM Layer through EBS system. Relationship mapping created for Mass upload, Mapping created for Mass upload & Duplicate Match Check

Project: **Chubb Micro-Commercial MDM, USA**

Duration: December’17 – May 2018

Technology: Informatica MDM, Informatica IDQ, Oracle 11g

Description: This engagement is for Chubb micro-commercial MDM development project Chubb micro-commercial has three types of Party (Business Party, Agent & Agency). Chubb want to build MDM hub to generate unique Identifier for Party, Agent & Agency. Chubb provided source data. Also on top of MDM hub Chubb users can create, modify all party information through API.

Project: **Amgen ARM GCO Additional Support, USA**

Duration: January’17 – November’17

Technology: Informatica MDM, Informatica IDQ, Oracle 11g

Description: This engagement is for Amgen support project for Customer & Product Master. Support of Master Data Management Solution using Informatica MDM for Amgen HCM application. This is a support project to maintain 24X7

Project: **Amgen ARM BI LRPM DF to IDQ Migration, USA**

Duration: July’16 – December’16

Technology: Informatica IDQ, SAS Data Flux, Oracle 11g

Description: Amgen currently maintains its Data Quality process in Data Flux and wants to migrate all the applications and platform to IDQ. The major objective behind this migration is that Amgen wants to make Informatica suite an organization-level tool and has purchased license for the same. The Eight Applications need to be migrated from Data Flux to IDQ:

* HCC Staff Exclusion App
* IRPC Duplicate Detection System
* HCR Data Flux Matching Engine
* MCO Data Load Utility
* csest-dataflux dsr and extship monitoring - prod
* CAP Data Quality Report
* CDSSR Ship-to Address Converter
* Global Safety Compliance Report

Project: **UCB IDMP Phase 2 MDM Implementation, Belgium**

Duration: June’15 – June’16

Technology: SAS Data Flux, SAS MDM 4.2, SAS Management Console 9.4, Oracle 11g

Description: Deployment of Master Data Management Solution using SAS (SAS Data flux) which allows the integration of systems storing, managing and consuming UCB Products Master Data. Support the deployment of a Master Data Management Governance organization capable to enhance business processes and improve data quality. This project is also compliance with ISO IDMP standards.

Project: **UCB IDMP MDM Assessment & Design, Belgium**

Duration: Jan’15 – May’15

Technology: SAS Data Flux, SAS MDM 4.1, Oracle 11g

Description:

* Data profiling on UCB medicinal product data
* Identify and review data cleansing and standardization rules with UCB business
* To generate data quality reports
* Map attribute as per ISO IDMP standard
* Identify, review and fine tune match rules and perform matching of medicinal product data of different sources
* Prepare match report to identify potential match records
* Prepare data model as per the ISO IDMP standard

Project: **SNI (Smith &Nephew) DQ Implementation, USA**

Duration: Nov’14 – 31st Dec’14

Technology: Information Quality Stage, Oracle 11g

Description:

* Data profiling on VC & SAE health organization accounts data
* Identify and review data cleansing and standardization rules with SNI business
* To generate data quality reports
* Map class of trade (COT) of SAE with market segment of VC
* Identify, review and fine tune match rules and perform matching of VC records with SAE
* Prepare match report to identify potential match records

Project: **Sainsbury’s MDM Implementation, UK**

Duration: April 2014 – Till date

Technology: IBM MDM InfoSphere, IBM Quality Stage and Information Analyser, Oracle 11g, Linux, Clover ETL tool and Ab Initio.

Description: Sainsbury’s is the leading position in the retail industry, being the second largest chain of supermarkets in the United Kingdom with a share of the UK supermarket sector of 16.6%. Sainsbury’s has decided to revamp its Customer Data Strategy and has launched Helios Unified View of Customers (UVC) Project. Sainsbury’s immediate objectives for the Helios Unified View of Customers Project are to improve the Customer Data Quality and to establish a Unified View of Customers, which together will transform the Campaign Management process at Sainsbury’s.

Project: **GSK Canada MDM Implementation, USA**

Duration: August 2013 – March 2014

Technology: Informatica 9.1 ETL tool, Informatica MDM tool, Oracle 11g, PL/SQL Developer, Sun Solaris, Windows Server

Description: The GSK Canada implementation will merge IT function of Canada and US into single North American organization which are currently operating from separate systems. As a part of this vision, Master Data Management (MDM) functions of GSK Canada will merge into Current US GSK MDM functions. Currently NAPIT (North America Pharma Information Technology) uses Siperian/Informatica MDM to manage customer data whereas CDN uses IBM’s BI Cognos Viewer to maintain Canadian customer data in a separate hub.

* Implement the solution to migrate GSK Canada Customer Master data into existing GSK US MDM Hub
* The sources to be integrated with US MDM hub: IMS, Cegedim Dendrite, GSK 360,CMT,JDE
* Implement CDN data processing as a part of existing US MDM process
* Configure the Core CDI hub to accommodate source systems from Canada
* Configure match rules for Canadian data i.e. which will match IMS, Dendrite and JDE records
* Modify the existing business rules in existing IS MDM Hub during load to accommodate Canadian data
* Configure IDD application for CDN customer
* Change database parameters to allow French data in CDI
* Configure Trillium to support Canada data for Name and Address standardization

Project: **AstraZeneca MDM Market Deployment, UK**

Duration: February 2013 – 31st July 2013

Technology: Informatica 9.1 ETL tool, Informatica MDM tool, Oracle 11g, PL/SQL Developer

Description: An integrated Master Data Management solution is needed to enable AstraZeneca (AZ) to obtain a 360-degree view of its Customers and provide accurate and timely Customer information. The application provides Customer information across HCPs (Healthcare Providers), managed markets, hospitals and institutional accounts enables an enhanced view of the Customer.

Project: **Horizon BCBS –NZ, New Jersey**

Duration: July 2012 – January 2013

Technology: Informatica 9.1 ETL tool, Informatica MDM tool, Oracle 11g

Description: Horizon Blue Cross Blue Shield of New Jersey, headquartered in Newark, New Jersey is the only licensed Blue Cross and Blue Shield Association plan in New Jersey, providing health insurance coverage to over 3.2 million people throughout all of North, Central, and South Jersey. Horizon BCBS-NJ aims to create a reusable platform for Master Data Management. It would enable a Provider Master directory that delivers a single source of truth for provider information. This would also provide an integrated view of the Member to the organization across all channels and systems

Project: **MDM-in-a-Box: Sliver-Dev-phase-I: customer-on-Cloud**

Duration: January 2012 – June 2012

Technology: Informatica 9.1 ETL tool, Informatica MDM tool, Oracle 11g, Talend

Description: Cloud computing has increasingly become an enterprise standard as organizations look for simplification, cost take outs, business transformation and new business models. In light of the above, Cognizant provides a new solution offering to the marketplace that will be the first cloud based master data management solution pre-configured and targeted towards the Life Sciences industry.Cognizant has teamed-up with Informatica to develop this evolutionary solution to provide a fully managed and hosted MDM solution for the Life Sciences industry. This offering is targeted towards small to mid-size companies that recognize the need for an MDM solution but either don’t have the internal IT staff to take on an MDM project or don’t want to commit to a large upfront capital expense. Informatica’s multi-domain modelling capabilities also make it the most flexible MDM solution in the market and do not force one down a predetermined path, giving the option of prioritizing the domain or business imperative one needs to focus on first.

Project: **Amgen Veeva Implementation & Integration, US**

Duration: May 2011 – December 2011

Technology: Informatica ETL tool, Data Quality tool Data Flux, Oracle 10g, IBM AIX

Description: Amgen one of the well renowned Biotech leaders is revamping their Salesforce Automation Application to empower their Sales Force with latest tools to perform effectively and efficiently. Amgen had previously used Siebel Life Science Solution as their Salesforce Automation application (also known as Orion) but due to certain challenges it is getting replaced by an On Demand Salesforce Automation application provided by Veeva. The VBioPharma Application of Veeva is an On Demand Salesforce Automation tool built leveraging Force.com platform. Cognizant has been provided with the responsibility to help Veeva in building all the identified interfaces in scope with Veeva inbound and outbound. Apart from developing the interfaces, Initial Data Load (IDL) and Non Prescriber Data Cleansing is also part of the project.

Project: **Wallmart Finance Support, US**

Duration: January 2011 – April 2011

Technology: IBM ETL Tool Data Stage & Quality Stage, Informix, IBM AIX

Description: Wal-Mart Stores, Inc. is an American public corporation that runs a chain of large, discount department stores. It is the world's largest retail corporation by revenue. Founded by Sam Walton in 1962, it was incorporated on October 31, 1969, and listed on the New York Stock Exchange in 1972. Wal-Mart is the largest grocery retailer in the United States, with an estimated 20% of the retail grocery and consumables business, as well as the largest toy seller in the U.S. it also owns and operates the North American company of Sam's Club. It is also, as of 2008, considered to be the most powerful company in the capitalist world. The project is to L2 & L3 production support

Project: **WellPoint Population DB, US**

Duration March 2010 – December 2010

Technology ETL Tool Informatica, Teradata, Oracle 10g, Initiate MDM tool, IBM AIX

Description: WLP Population DB main initiative with Cognizant is to design a Customer Data Hub. The purpose of this system is to consolidate all the customer information residing in KBM and EDW into the Customer Data Hub within WLP Population DB. Cognizant will develop the Customer Data Hub using Initiate as the Master Data Management (MDM) Tool. The solution will be built in compliance with the existing Teradata architecture of WLP Population DB. Bulk data migration from the source systems into the Customer Data Hub will be one-time activity. The Business rules extraction tool provided by WLP Population DB will be used for Business Rules Extraction (BRE) exercise after doing code analysis of business rules on the source systems. Cognizant will develop the Customer Data Hub in five processing stages – Transform, Validation, Matching, Load and Synchronization. Cognizant will perform the Data Migration, Detailed Design, Construction, Unit Testing, Integration and System Testing, and User Acceptance Testing support for the Merck Customer Data Hub. Technologies involved are primarily