PRIYANKA CHAKRABORTI

Email: priyankachakraborti@ymail.com Total Experience: 8 Years & 3 Months
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Senior Consultant /Senior ETL Developer/Python Developer: Delivering ETL solutions to various Data Warehouse and Transactional systems using PL/SQL, Informatica and Ab Initio mainly. I have worked in entire life cycle of Software Development including client interfacing experience. As a part of my assignments, I have been involved in Requirement Analysis & Estimation, Application Designing, Development & Maintenance, Functional & Technical Studies and implementations, UAT support, Quality Reviews & Testing. Till now in my IT career I have worked in roles like Developer, Module Lead, Technical Lead etc. and also have experience of working in Production Support Team. A self learner of Python and looking forward to solve more difficult problems while working.

➢ Profile Summary

- About 8 years 3 months of total hands on experience in Data Warehousing projects mainly ETL using tools like Informatica and Ab Initio, PL/SQL, Databases like Oracle, DB2 & Teradata and UNIX etc.
- Proficient Knowledge of SQL, PL/SQL, Packages, Stored procedures, Functions, External tables, sql loader Oracle temporary tables, Pl/sql records, Cursors, Ref Cursors, Triggers, dynamic query etc.
- Highly proficient in design and development of ETL applications.
- Worked in web based module in informatica.
- Extensive work experience in UNIX shell scripts.
- Knowledge of MOLAP (Multidimensional OLAP) on Oracle using Oracle Cubes.
- Effective and successful customer handling capability across the globe and quick & strong decision making capability are the key skills which contributes client satisfaction in turn results business growth.
- Excellent interpersonal skills, ability to relate to people at any level of business, process cultural awareness and sensitivity with mature thinking and strategic business approach and an elegant presence.
- Intermediate knowledge of Python.

➢ Technical Skills

Tools & Databases	Languages/ Scripting
ETL Tools: Informatica (9.1 & 8.6), Ab Initio GDE 1.14, Co>Op sys 2.14, EME **Database**: Oracle, Teradata, DB2, mysql **Reporting Tool:** IBM cognos 10.1.1 (Beginner) **Others**: Teradata SQL Assistant, Toad, PL/SQL Developer, AWM, Linux, Windows etc.	SQL, PL/SQL, UNIX Shell scripting, Python (Intermediate) **Web Technologies:** WSDL, HTML, XML, JavaScript **Framework:** Django

➢ Skills / Practices

- Technology consultancy.
- Team building and leader. Quick Learner
- Providing Knowledge sharing sessions to new joiners/peers

➢ Career Timeline

Timeline	Organization
Oct 2013 To March 2015 (1.5 Years)	**Cigna with Randstad Technologies** (Application Development – Senior Specialist)
Jul 2010 To Oct 2013 (3.33 Years)	**Cognizant Technology Solution** (Associate Projects)
Jan 2007 To Jun 2010 (3.33 Years)	**TATA Consultancy Services** (Assistant System Engineer)

➢ Education Details

Timeline	Institution
2003-2006 [M.C.A.]	**Trident Academy of Creative Technology(TACT) , Bhubaneswar, Orissa (BPUT)** [82%]
2000-2003 [BSc – **Statistics**(H)]	**B.H.U., Varanasi, UP** [61%]
1998-2000 [Class 12 - CBSE Board]	**DAV Jawahar Vidya Mandir, Shyamali,Ranchi** [80%]
1998 [Class 10 CBSE Board]	**DAV Jawahar Vidya Mandir, Shyamali,Ranchi** [76%]

➢ Work Experience:

PYNET – Self made project **Jan -2020** **Technology/Languages Used:** Python, Django, Mysql	PYNET is a pet project in Python build using Django Framework. It is a place for Blogging, news feeds and many more. Code is available in Github at Prchak/PYNET
Cigna International, Wilmington, DE **October 2014 – March 2015** **Role:** Team Member in Production Support Team **Technology/Languages Used:** Oracle 11g, UNIX, PL/SQL, Cognos	Application Diamond is the core claim processing system used by CIEB (Cigna International Expatriate Benefits). The application is built on Power builder with Oracle as database. Application functions includes product setup, member setup & administration and claims processing, includes manual entry and automated feeds in and out from clients, providers, members and business analysts. Once the claims are processed by claim specialist, jobs are executed for final payment of the submitted claims. As production support specialist, was working on the defects raised by the claims team or other respective departments. **Responsibilities** • Interacted with the users to completely understand the issue & also participated actively in Problem analysis. • Creation and enhancement of pl/sql packages, procedures, functions and unix scripts. • Enhancing cognos report using IBM Cognos Report Studio for generating report for users • Responsible for UAT execution.
Cigna International, Wilmington, DE **Cigna Application Development- BART Code Promotion** **October 2013 – July 2014** **Role:** Senior Developer **Technology/Languages Used:** Oracle 11g**,** UNIX**,** Informatica etc.	BART is a web based global Underwriting and Actuarial application used to price quotes for Cigna Global Health Benefits book of business. The project was developed to help Actuaries promote actuarial objects (formulas, factors, intrm factors, rate tables, screen design, plan templates) for BART from one environment (DEV, TST, UAT, PVS, STG, PRD) to another without creating them in every environment. This code would also keep the data consistent across all the environments. All objects in BART are versioned by effective and term dates so specific versions alone can be promoted by the code promotion functionality. Actuaries are expected to select and move the code from lower environment to higher environment and vice versa. Once the user selects the files and destination to promote the code, flat files get created in the NAS mounted on the target environment folder. Informatica mappings, Oracle packages and procedure are used to read these files through external table and after doing the required validations, the files are copied to the destination folder. Once the validation is complete, the load packages load the data into the target environment. **Responsibilities:** • Interacted with the tech lead to completely understand the requirements & also participated actively in Problem analysis. • Creation of Informatica mappings, pl/sql packages, procedures, functions, external tables and unix scripts.

	• Was responsible for UAT execution.
Wyndham Hotel Group, NJ, USA **Steton Fixes** **March 2013 – October 2013** **Role:** Tech Lead / Senior Developer **Technology/Languages Used:** Informatica, DB2, Oracle 11g, UNIX	This project was to develop & modify interface for Steton, which is one of important system for Wyndham properties. To this system we send details about the properties where an inspection is required and then this system conducts inspection on those properties and provides competitive information related to cleanliness and facilities etc. to Wyndham. This information helps in further trend analysis and business growth. From ETL perspective, the source was supposed to send a single file containing various data detail categories. The file was to be loaded into staging, warehouse and mart from where reports were created for analysis. Also separate jobs were created to send xml files to the system with details about the properties for inspection. **Responsibilities:** • Interacted business analyst & subject matter experts to completely understand the requirements & also participated actively in Problem analysis & providing both business & technical solution. • As tech lead was responsible for designing and development of the application, Functional & Technical Studies and implementations, UAT support, providing support during and post deployment. • Played active role in onshore offshore coordination. • Played as main participant in client coordination & consultation. • Played main leading role in UAT planning & UAT execution.
Merck, NJ, USA **Manufacturing Intelligence Integration** **July 2012 – February 2013** **Role:** Tech Lead / Senior Developer **Technology/Language Used:** Informatica, Pl/sql, Oracle 8i,10g, UNIX, Crontab	This project was to develop & modify interface for Vaccine Manufacturing Intelligence and Integration (MII) of Merck. The requirement was to integrate the new sites which would provide details about the medicines manufactured for merck specifically lot information including item master information, lot information, lot genealogy information and bom details etc and also the LIMS (Laboratory Inventory Management System) data into the existing environment. The source for manufactured medicines was DB2 AS400 server and was supposed to send a set of flat files daily. The daily scheduled unix wrapper script was supposed to check & watch for the source files in the landing area till 2 hours more than the expected time before exiting. Once the files landed initial validations were done and then extracted through informatica to the Staging tables in Oracle 10g, transformed using Infomatica mappings and pl/sql packages and loaded into the final tables. The LIMS data was extracted from 2 different servers (at different geographical locations) which was in Oracle 8i, transform through Informatica mappings and pl/sql procedures and load into the Merck MII database platform which was in Oracle 11g, as per business requirements. **Responsibilities:** • Interacted business analyst & subject matter experts to completely understand the requirements & also participated actively in Problem analysis & providing both business & technical solution. • Developed the application in a generic way so as to be used for various different sites simultaneously. • Played actively in onshore offshore coordination.

	• Setting up infrastructure & guideline for the new project from the scratch. • Played as main participant in client coordination & consultation. • Played main leading role in UAT planning & UAT execution.
Merck, NJ, USA **MyLearning Cognos Reporting Project** **February** 2012 **– August 2012** **Role:** Tech Lead/Senior Developer **Technology/Languages Used:** Informatica, Teradata, UNIX	The objective was to provide an analytical reporting and dashboard type capabilities application for the purpose of Enterprise reporting by administrators who needs the learning details of any individual who works for Merck and requires learning to be reported in the system. The objective was to create a new data mart in Teradata based on the new requirements and the analytical (Cognos) reports would then fetch data from these data marts to satisfy business requirements that cannot be met with the current reports of the existing learning portal which is in Oracle 9i. The source for the application was Oracle 9i and flat files and Target was Teradata. Informatica was used to extract the data and load them into the Target Staging tables. Informatica mappings and Macros were created to load ODS and Reporting layer (facts and dimensions) tables. **Responsibilities:** • Responsible for preparation of the ETL Interface Functional Specification documents. • Also participated actively in problem analysis & providing both business & technical solution. • Requirement gathering & analysis of the system changes. • Review of the deliverable to reduce the defects & make the system more efficient. • Onshore Offshore coordination.
Merck, NJ, USA **EPBU Integration with Sample Account Management** **September 2011 – January 2012** **Role:** Senior Developer/ Tech Lead **Technologies/Languages Used:** Informatica, PL/SQL, Oracle 10g, UNIX	Merck had entered into agreement with a contracted sales organization which allows promotional responsibilities for designated Merck products. Federal regulation and PDMA compliance laws require pharmaceutical companies such as Merck to account for the distribution of its products by third parties entities. This interface was developed to provide the required details about the merck products and its representatives. From ETL perspective, the source for the new interface were the Customer Master Operations Data Store in Oracle 9i and a csv flat file with details of Health Care professionals. Details for the listed professionals in the flat files were only required. Informatica was used to extract and transform the source data and generate one daily and 5 monthly flat files. Once the files were created they were supposed to be sent to the target server through Axway. **Responsibilities:** • Was involved during the requirement gathering, analysis and design phase. • Interacted with business analyst & subject matter experts to completely understand the requirements & also participated actively in Problem analysis & providing both business & technical solution. • Played actively in doing onshore offshore coordination. • Setting up infrastructure & guideline for the new project from scratch. • Played as main participant in client coordination & consultation. • Onshore Offshore coordination.

Novo Nordisk, NY, USA **NNOLAP POC (Oracle OLAP Cube)** **August 2011 – September 2011** **Role:** Senior Developer **Environment /Language Used:** Oracle 10g and 11g with OLAP, OBIEE Repository OBIEE 11.1.1.5, Windows 2003 Enterprise Server 64 bit, Intel Xeon CPU 2.67 Ghz, 8 GB RAM, 200GB HDD, Analytic Workspace Manager (AWM) (11.2.0.2.0A and 10.2.0.3.0A), SQL Developer (3.0.04) etc.	Objective of OLAP POC project was to perform the proof of concept for Multi-dimensional OLAP Cube implementation. The goal is to produce the Managed care reports with improved performance using Cube implementation (by Oracle Analytics Workspace Manager) on huge table (15 GB in size, 10 Millions of rows). The ultimate goal was to prove that is the performances of OBIEE reports built on OLAP cubes performs better than the traditional Oracle data mart reports, if the performance was beneficial then the 40 Hours ETL run will be replaced by Cube solution. 2 cubes were generated and was observed with improved performance benefit with the earlier report (come in 2 minutes) compared to new 11g Cube (come in 20 seconds) The POC was done on monthly plan track data by creating reports on various platforms as follows: • Using Oracle 10g cube with OBIEE 10g Repository • Using Oracle 11g cube with OBIEE 10g Repository • Using Oracle 11g cube with OBIEE 11g Repository **Responsibilities:** • POC & research of new technologies and Architectural design & development from the scratch. • Client communication, Technical problem resolutions, OLAP cube building and deployment. • Ad-hoc working knowledge and hands-on experience on OLAP Cube implementation using Oracle Analytics Workspace Manager (AWM 10g and 11g both). • Integration of existing Star Dimensional model to fit Oracle multi-dimensional Cube implementation in AWM. • MOLAP cube Performance enhancement for large volume of Data load using database parameter tweaks. • Coding & unit testing
Amex, AZ, USA **Amex – Project Blush** **March 2011 – June 2011** **Role:** Senior Developer / Tech Lead **Technologies/Languages Used:** Informatica, UNIX, DB2 etc.	Project Blush seeks to recognize small business success. There are hundreds of awards/events where small businesses are honored for their accomplishments. As part of the strategy to strengthen relationships with our best customers, external business awards lists are used as triggers for recognition. The current process to match businesses on external lists is highly manual. The current list matching process is to identify customers eligible for recognition is highly manual and not scalable. There is opportunity to increase efficiency by automating some of the processes involved, for the benefit of customer recognition efforts as well as Acquisition (i.e. businesses on the lists who are not customers can be given to Acquisition). Project Blush thus will implement a process to use internal matching and leverage existing Data Management functions to identify all eligible accounts for recognition because they are affiliated with businesses that received awards. The ETL involved joining of database tables and flat files through informatica and then send the corresponding flat files to the target systems. **Responsibilities**: • Requirement analysis of the project • Involved in Low level designing and Application Development.
Amex, AZ, USA **Amex - Mysetups**	The system has been developed to look for the requested details from Mysetups in the DQME database, match them and hence provide a response with a score. The input mainly involves the Legal Company Name, DBA Name, the Complete Company Address, the Company Phone Number (if available),

September 2010 – January 2011 **Role:** Technical Lead/ Senior Developer **Technologies/Languages Used:** Informatica, UNIX, DB2 etc.	and other details as well as the threshold match score. Currently the details are logged in manually into iCLIC portal to fetch the search results which is then manually input into Mysetups. As per this design Mysetups is to send a request through real-time web services from its existing screens to DQME search utility with the input data. DQME to use both the Legal Company name and DBA name to produce best match. Mysetups to integrate with DQME to fetch the search results for a given relationship request. DQME after invoking its real-time internal matching process is to send back the best match with threshold Match Score of 70% or above. It was a challenging project because of involvement of Web Service based development with Informatica. The input file was a WSDL file, which was a web based form to be filled with Company name of which details are required. The file with details is read and transformed through informatica to generate a WSDL file as output. **Responsibilities:** • Requirement analysis of the project • Involved in low level design and application Development. • Created informatica mappings and corresponding workflows. • Extracted the request and generated response using complex XML data with XSD schema validation in Informatica using WSDL components. • Creation of generic procedure/functions to be called from informatica mappings.
Amex, AZ, USA **Amex – iCLIC Performance Tunings** **September 2010 – December 2010** **Role:** Developer **Technologies/Languages Used:** Ab Initio, DB2, UNIX etc.	iCLIC stands for Institutional Customer Linkage and Identification Capability. It is mainly responsible for Internal matching by DQME with Amex repository. Its main job is to identify accounts eligible for rematch by comparing DQME returned Name / Address scores and other attributes from Source systems against Maintenance criteria Rules. Ab Initio graphs have been developed to implement this matching utility. It was a pure technical work to improve the performance of the 10 critical existing Ab Initio graphs keeping the business functionality of the system intact. It was a very challenging work which needed core technical knowledge of UNIX and Ab Initio. **Responsibilities:** • Design and Development of graph. • Unit testing
Amex, AZ, USA **Project Blush** **July 2010 – August 2010** **Role:** Tester **Technologies/Languages Used:** Informatica, DB2, UNIX etc.	Project Blush seeks to recognize small business success. There are hundreds of awards/events where small businesses are honored for their accomplishments. As part of the strategy to strengthen relationships with our best customers, external business awards lists are used as triggers for recognition. The current process to match businesses on external lists is highly manual. The current list matching process is to identify customers eligible for recognition is highly manual and not scalable. There is opportunity to increase efficiency by automating some of the processes involved, for the benefit of customer recognition efforts as well as Acquisition (i.e. businesses on the lists who are not customers can be given to Acquisition). Project Blush thus will implement a process to use internal matching and leverage existing Data Management functions to identify all eligible accounts for recognition because they are affiliated with businesses that received awards. Joined in the testing phase of the project and was involved in preparation of test cases and test data required for the project.

	Responsibilities: • Creation of test cases to validate and test the implemented functionalities. • Involved in Component/Functional testing.
CITI CARDS, CA, USA **BI Collections Server Migration Project** **January 2009 – June 2010** **Role:** Developer **Technologies/Languages Used:** Ab Initio, UNIX, Sql Server etc.	The main objective of this project was to migrate the database from SQL Server 2000 to SQL Server 2005 and also to migrate the DTS packages (Native transformation tool in SQL Server called Data Transformation Services) to Ab-Initio. Worked as a team member for the development of the new graphs to replace the DTS packages. **Responsibilities:** • Involved in low level designing and development of graphs. • Involved in Unit testing phase.
BT Group plc, Cardiff, UK **BIP Druid** **December 2008 – May 2009** **Role:** Senior Developer **Technologies/Languages Used:** Oracle 10g, PL/SQL, UNIX shell scripts etc.	Data Retention and User Information Disclosure (DRUID) interface was build to meet the client's Data Retention Directive requirements, driven by a European Union (EU) directive. This interface aims to retain information pertaining to calls placed over its telephony network for a prescribed period. Average 9 million call records (approx. 4 GB) are processed on a daily basis. Strict performance guidelines had to be followed to achieve the desired throughput. This system was built based on Oracle 10g database in Solaris and Linux. The source was Oracle database table and flat files. External Tables were created to read data from heterogeneous sources and Pl Sql packages were created to transform and load the target tables with required data. **Responsibilities:** • Involved in Low Level designing and development. • Created generic procedures/functions for data masking and data security etc. • Review of codes developed by other team members. • Providing the deployment team with required external table, base table, materialized view/view scripts, procedures/function with the details for required privilege for the user, wrapper script and scheduling details • Production deployment and Production Support.
BT Group plc, Cardiff, UK **BIP-CcoP (Customer Controlled of Profile) – DSLMAX** **March 2007 – June 2007** **Role:** Developer **Technologies/Languages Used:** Oracle 9i, PL/SQL, UNIX shell scripts, Control M scheduling etc.	As the user base for DSLMAX had increased, it has been identified that some users are not happy with the speed or the stability that is achieved after they were moved from a fixed Rate product to a DSLMAX product or after taking a new DSLMAX Line. This Solution allowed the end users to select the service they would prefer according to their usage and there by allow the Service Provider to analyze about the request based on various measures of the particular line. This should then give an improved customer experience. The source was a mview and flat files which was read through Pl Sql procedure was created to populate the data into the Oracle target table. **Responsibilities:** • Involved in Low Level designing & development of the project. • Developed stored procedures using cursors and pl/sql records. • Developed wrapper scripts in unix for Control-M scheduling. • Involved in Unit Testing, Component Testing & System testing.

	• Providing the deployment team with required table scripts, materialized view/view scripts, procedures/function with the details for required privilege for the user, wrapper script and scheduling details. • Involved during Production deployment and Production Support