SIDDHARTHA JAIN

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* Having Overall 10+ yrs. experience in **Oracle SQL, Pl/SQL, postgres db, Unix, Python, Machine Learning, Predictive Modeling, Informatica Power Center, Tableau, OBIEE** and **Talend TOS 6.5 etc.**
* Extensive Reporting and Development experience using SQL & PL/SQL, Python Scripting, Shell Scripting, OBIEE 11g, Oracle BI Publisher, Crystal Reports, jasper Report.
* Experience creating Tables, Constraints, Indexes, Views, Materialized views, Cursors, Analytical Functions, Jobs, Partitioned tables, DB link, Ref cursors, Collections, Autonomous transactions.
* Good hands-on experience in developing Complex database objects like Stored Procedures, Functions (group, date, string), Packages, collections, pipeline functions, Bulk processing.
* Expertise in Client-Server application development using Oracle 11g PL/SQL, SQL\*PLUS, SQL\*LOADER.
* Worked extensively on SQL \* Loader Control Files to import data.
* Created ETL mappings using Informatica Power Center to move Data from multiple sources like Flat files, Oracle into a common target area.
* Used Informatica Designer tools to design the source definition, target definition and transformations to build mappings.
* Created Informatica Mappings to build business rules to load data using transformations like Source Qualifier, Aggregator, Expression, Joiner, lookup, Filters, Router, Sequence Generator, Update strategy etc.
* Involved in Performance tuning of the Informatica mapping and identifying the bottlenecks.
* Involved in designing the mappings between sources and targets and tuned them for better performance.
* Ability to design and model BI Metadata Repository
* Gained awareness in the end-to-end development of software products from requirement analysis to system study, designing, coding, testing, de- bugging, documentation and implementation.
* A skilled communicator with strong interpersonal & relationship management skills.

**WORKING EXPERIENCE**

* Have been working as **Senior System Analyst** with IBM since April **2017.**
* Worked as **Senior Analyst** with **Accenture** from **22nd December 2014** to **31s**t **March 2017.**
* Worked as a **Consultant** in **Snap-On-Business solution Pvt Ltd.** from **Jul 2013** to **December 2014.**
* Worked as **Consultant** in **AWC** from **Mar-2013** to **Jul -2013.**
* Worked as **Engineer Analyst level 2** in **Qualtech – Consultants** from **24th** **May-2010** to **Feb -2013**

**PROJECT SUMMARY**

1. **Project: Advance analytics for indirect taxes (ADVAIT) (Jan 2018 to Present)**

**Domain: Taxation**

**Role: Senior Application Developer**

**Environment:** Postgres, Unix, Python, Neo4j, Tableau

**Tools/Application used:** PgAdmin

**Description:** The DGARM functioning as an apex body of CBEC for data analytics and risk management, is utilizing internal and external data sources for detailed data mining and analysis to generate outputs for focused and targeted action by field formations and investigation wings of CBEC (renamed to CBIC).

CBIC (Central board of indirect taxes and custom) is a part of the Department of Revenue under the Ministry of Finance, Government of India. It deals with the tasks of formulation of policy concerning levy and collection of Customs, Central Excise duties, Central Goods & Services Tax and IGST, prevention of smuggling and administration of matters relating to Customs, Central Excise, Central Goods & Services Tax, IGST and Narcotics to the extent under CBIC's purview. The Board is the administrative authority for its subordinate organizations, including Custom Houses, Central Excise and Central GST Commissionerate’s and the Central Revenues Control Laboratory.

**Responsibility:**

* Understanding the business requirements directly in a client facing role.
* Modelling, extraction, transformation and load of GST data from source (Flat Files) to target (Postgres db).
* Involved in creating complex SQL queries and database objects.
* Creation of tables, indexes, partitioning, constraints, functions and unix scripts.
* Performed EDA (data analysis) using sql, Python and tableau.
* Created of predictive models using python to identify GST frauds.
1. **Project: ODS UBP (Mar 2018 to Dec 2018)**

**Domain: Banking**

**Role: Senior Application Developer**

**Environment:** Oracle sql, PL/SQL, Sybase, Talend TOS for data integration

**Tools/Application used:** Jira, SVN, Plsql developer

**Description:** UBP works in investment banking sector Headquarter in Geneva. UBP stands among the leaders in the field of wealth management in Switzerland. It has different IT system in place including core banking systems ATLAS. These all systems dump the data into ODS system either online or through day end batch. Talend data integration tool along with some plsql code are used to integrate data from all these systems and finally dump the data into ODS.

**Responsibility:**

* Understanding the business requirements and Technical/Functional design documents
* Involved in creating complex SQL queries, database objects.
* Performance tuning of sql and plsql code.
* ETL development on TOS and optimization of ETL flows.
* Creation of logging procedure and plsql alerts.
* Creation of tables, constraints, procedure, packages, grants as per TD.
1. **Project: JABIL in Control 2.0 (Sep 2017 to Feb 2018)**

**Domain: Supply Chain**

**Role: Senior Application Developer**

**Environment:** Oracle, PL/SQL, DB2

**Tools/Application used:** Jenkins (CI tool), IBM Urban code deploy (CD tool), Jira, GIT, Toad

**Description:** Jabil is a product solutions company providing comprehensive electronics design, manufacturing and product management services to global electronics and technology companies. Offering complete product supply chain management from facilities in 22 countries. This solution was designed to identify potential risk involved in their demand and supply chain for various products by creating different reports, dashboards and heatmap.

**Responsibility:**

* Understanding the business requirements and Technical/Functional design documents
* Involved in creating complex SQL queries, database objects.
* Performance tuning of sql and plsql code.
* Bug fixing and production deployment through testing and UAT Environment
* Deploy the code to different Env. with the help of CICD pipeline using Jenkins, Urban code and GIT.
1. **Project: Medtronic SI Implementation (June 2017 to Aug 2017)**

**Domain: Health Care**

**Role: SAP Data Migration Consultant**

**Environment:** Oracle 11G, PL/SQL

**Tools/Application used:** Informatica Power center 10, putty, winscp, SqlDeveloper,GIT

**Description:** Medtronic Public Limited Company is a world’s largest standalone medical technology and device development company. Centerpiece CGEN5 Japan Data conversion is a data migration project where data from one format is translated to another so that it can be used in SAP system. It is a process of loading the data from legacy system (JDE) into SAP system through several load programs/jobs.

**Responsibility:**

* Understanding the business requirements and Technical/Functional design documents
* Involved in complete life cycle of a data migration from Dev to Prod.
* Involved in data migration from legacy systems to SAP for master and transactional data using LSMW.
* Involved in Data cleansing, Data Conversion (Semi-automated and Automated) process. Created complex SQL queries, database objects using Data Conversion Document and Data Mapping documents to fetch data from legacy system.
* Developed ETL jobs, Mappings, Work Flows to create target flat file from staging table which is to be used by LSMW.
* Developed validation programs to cross check all the data before and after the data loading.
* Extensively used SAP Best practices to load the data.
* Responsible for data migration and conversion activities such as extraction, transforming, migrating, validating and reconciliation of data.
* Documenting Data extraction, Cleansing and Migration processes
* Prepared important documents like AID Document, Test plan Document, ETL load steps
* document, LSMW load steps document used in a DM/C project.
1. **Project: Airtel Payment Bank Reporting (Jan 2015 to Mar 2017)**

**Domain: Banking**

**Role: Team Lead**

**Environment:** Oracle 11G, PL/SQL, Postgres, UNIX

**Tools/Application used:** Jasper Reports, putty, winscp, pgadmin, Toad

**Description:** In the report development process the user requirement comes in the form of CR or adhoc data request over mail. Analysis, design, coding etc are done as per the requirement document and result outputs are shared with the user. Once we receive sign-off on extract shared we productionize the report through UAT ENV.

**Responsibility:**

* Managing a small team of 3 application developers.
* Involve in Requirement gathering, Analysis, Design, Coding and unit testing for adhoc data request and

reports.

* Create Queries and Functions and procedure and shell scripts as per requirement.
* Loading data in database tables through csv files using ETL process wherever required.
* Creation of summary view as per reporting requirements.
* Export and Import table using data pump.
* Ensuring the best performance of the queries in use by optimizing it to the best possible level.
* Involve in identify the application issues and solve them on production.
1. **Project: Distributor SOA - Airtel Money (Jan 2015 to Jun 2016)**

**Domain: Banking**

**Role: Senior Developer**

**Environment:** Postgres, pgadmin, SQL, PL/SQL, UNIX

**Tools/Application used:** Toad

**Description**: Distributor SOA is an account statement which were created for Distributor using Airtel Money financial application. SOA Facilitates Distributor to analyse opening, closing, commission and transaction information for self, FSE, Retailers and sub distributors for the transactions done during the month on Airtel money mobile Application.

**Responsibility:**

* Involved in Requirement gathering, Analysis, Design, Coding and unit testing for Distributor SOA.
* Created Queries and Functions.
* Ensuring the best performance of the queries in use by optimizing it to the best possible level.
* Involved in identify the application issues and solve them on production.
1. **Project: Credit Note - Airtel Money (Jan 2015 to Jun 2016)**

**Domain: Banking**

**Role: Senior Developer**

**Environment:** Postgres, pgadmin, SQL, PL/SQL, UNIX, Jasper Report

**Tools/Application used:** Toad

**Description**: Credit Note is document from a [bank](https://en.wikipedia.org/wiki/Bank) to a [depositor](https://en.wikipedia.org/wiki/Depositor) to indicate the depositor's balance is being in event other than a deposit, such as the collection by the bank of the depositor's not receivable. These credit note were created for Distributor using Airtel Money financial application. Credit Note Facilitates Distributor to analyse their Cash in commission, Equalization Commission and Other commissions.

**Responsibility:**

* Involved in Requirement gathering, Analysis, Design, Coding and unit testing for Credit note generated.
* Created Queries and Functions.
* Ensuring the best performance of the queries in use by optimizing it to the best possible level.
* Involved in identify the application issues and solve them on production.
1. **Project: PRISM and PRISM2 (Jul 2013 to Dec 2014)**

**Domain: Automobile**

**Role: Senior Developer**

**Environment:** Oracle 10G, Toad, PL/SQL, UNIX

**Tools/Application used:** Toad

**Description**: Prism is a performance reporting tool used by dealers for analysing their sales. PRISM Facilitates dealers/manufacturers to analyse their part sales/gross margins by customer type, part product groups via the various sales channels e.g. Wholesale (Trade), Retail, Workshop and Bodyshop. It also facilitates automobile service dealers to analyse their services.

**Responsibility:**

* Involved in Requirement gathering, Analysis, Design, Coding and Testing for PRISM2 and Support for PRISM.
* Created Queries, Pipeline Functions, Procedures.
* Ensuring the best performance of the queries in use by optimizing it to the best possible level.
* Involved in identify the application issues and solve them.
1. **Project: Pradan (Mar 2013 to May 2013)**

**Domain: Finance**

**Role: Senior Developer**

**Environment:** Oracle 11g

**Tools/Application used:** OBIEE 11g, Toad

**Description**: Pradan application is an accountancy application which facilitate user to do basic accounting of different projects being run by Pradan NGO as well as more than 90 reports i.e. cash book, Bank Book, Trial Balance, Ledger, Sub Ledger, Cash Payment More Than 20000 etc. help the user to act upon useful information provided by these reports.

**Responsibility:**

* Involved in Requirement gathering, Analysis, Design, Coding, Testing and Support of project database and Related reports.
* Created Queries, Functions, Procedures and reports through Oracle BI Publisher
* Involved in identify the reporting issues and solve them.
1. **Project: Udhyog Munshi (Oct 2012 to Feb 2013)**

**Domain: Finance**

**Role: Team Lead**

**Environment:** Oracle 10 g

**Tools/Application used:** Toad, Jasper Report

**Description**: Udhyog Munshi is an organization which is working for the welfare of tribesman. This application was built to address their day to day business problems, to record batch accounting for the batches created for a particular tribesman when DOC and related stuffs are issued to them.

**Responsibility:**

* Worked as a team Lead
* Involved in Requirement gathering, Analysis, Design, Coding, Testing and Support of project database and Related Reports.
* Created Queries, Functions, Procedures and jasper reports
* Involved in guiding the team for all database related issues.

**8.Project: SIC (Feb 2012 to Sep 2012)**

**Domain: Insurance**

**Role: Senior Developer**

**Environment:** Oracle 10G, Toad, PL/SQL

**Tools/Application used:** Crystal Reports, PVCS, E-Helpline (Ticket logging tool), Seva(Release management tool), Lotus Notes.

**Description**: SIC stands for System Integration Check. This project was basically built to check the integrity of the core systems being used in Max New York Life Insurance. SIC was responsible to track the gaps in core database calculations or by erroneous data. All the SICs generate their reports and mark new entry as Inflow and if in case data correction done, report marks those entries as outflow from system. For reporting purpose on daily basis, a mail was generated to concerned after which user used to analyse reports and rectify defect. Users can also analyse reports in excel format either by log in into front end application or by mail received, which is built using Java. Primary motive of project is to maintain flawless database and this project works as clean-up utility.

**Roles and Responsibility:**

* Involved in designing of ETL Extraction Package of the SIC application.
* Involved in Analysis, Design, Coding, Testing and Support.
* Involved in some complex SIC development.
* Created documentation and given training to the end users (IT Team) for all technical Aspects of the project.

**9. Project: Report Development (Apr 2010 to Jan 2012)**

**Domain: Insurance**

**Role: Developer**

**Environment:** Oracle 10G, Toad, PL/SQL

**Tools/Application used:** Crystal Reports, PVCS, E-Helpline (Ticket logging tool), Seva(Release management tool), Lotus Notes.

**Description:** In the report development process the user requirement comes in the form of Functional Specification for new reports or Change Request for the scheduled reports through BSAs. Analysis, design, coding etc are done as per the requirement document and result outputs are shared with the BSA. Once we receive sign-off on extract shared we productionize the report through UAT ENV.

**Roles and Responsibility:**

* Involved in Analysis, Design, Coding, Testing, Support.
* Involved in some complex Report Development like Agent MIS, Agent Commission Statement etc.
* Created Queries, Functions, and Procedures and used materialized view.
* Created documentation and given training to the IT users.
* **Tuning of mseries reports, reduced report run time from approx. 10-12Hrs to 2Hrs.**

**IT SKILLS**

* **Operating System:** windows 98/XP/ 7, Linux
* **RDBMS/ORDBMS**: Oracle 9i(SQL, PL/SQL),10g (SQL, PL/SQL),Mysql, Sybase,postgres
* **Language**: Python, HTML,Unix commands, Shell scripting
* **Tools:** OBIEE, Oracle BI Publisher, TOAD, Pl/SQL Developer, pgadmin, Crystal Reports, Jasper Report 3.5, Talend TOS for data integration, jupyter notebook.
* **Packages:** Ms-word,Ms-excel

**ACADEMIC CREDENTIALS**

* **MASTER’S IN COMPUTER APPLICATIONS**

 K.I.E.T. (U.P.T.U.) in 2010 with 72% marks

**ACHIEVEMENTS**

 Achieved Certifications on the following:

* **Global Certificate in Data Science** from Insaid
* **Azure Fundamentals** from Microsoft
* **IBM** Certified Database Associate.
* **IBM** Certified DB2 Technical Professional.
* IT-Essentials: PC Hardware and Software from **CISCO**.
* IT-Essentials II: Network Operating Systems from **CISCO.**

**KEY STRENGTHS**

* Ability to consistently perform under pressure, manage multiple priorities and meet deadlines, all while ensuring high level of quality of the project.
* Maintain productive relationships with other software engineers, developers and project managers.
* An individual performer and a good team player too.
* Like to take initiative in complex and challenging tasks.
* Self-motivated and able to perform with minimal supervision.
* Take initiative in learning and research the latest cutting-edge technologies.
* Good interpersonal and analytical skills