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| **Subrat Samal**  [**Email-ssubrat@hotmail.com**](mailto:Email-ssubrat@hotmail.com)  **Contact-9538398000** |  |

**Profile Summary**

* Overall 15 years of IT experience in Data warehouse, Data Quality, Transactional systems and Business intelligence, Banking & Finance (Basel-II and III Risk & Compliance Systems) as a Data quality analyst and technical architect.
* Designed the Data quality system and created the DQ scorecard for Basel III in banking and financial data warehouse. Implemented the DQ rules to maintain the data integrity.
* Implemented the Data Integrity project that involves the migration of Informatica Data Quality (IDQ) toolset that will extend existing PowerCenter 8.6 infrastructure.
* Implementing/supporting Basel-II and III (Risk & Compliance Systems) for standardized and advanced methodology. End to end supporting client for credit risk calculation, liquidity coverage ratio, NSFR and submitting the FFIEC and HC/RC-R reports using Moody’s Ray 2.0 web based tool.
* Subject Matter Expert related to calculating the credit risk for Commercial and retail loans, derivatives and securities. Deep understanding on GL reconciliation and capital ratios.
* Supported the Risk Frontier (Moody’s product for economical capital reporting) and Limit Management System (IBM product for trading data of Bank).
* Experienced with end to end development cycle of a Data Warehouse, including requirements gathering, design, implementation, and maintenance. Worked with SCD concepts, Dimensions, Fact Tables, Star and snowflake Schema design, Operational Da ta Store (ODS) and other Data Warehouse concepts. Architected and delivered multiple Banking Projects and supported complex Technical implementations.
* Strong Experience in designing and maintaining the oracle databases and design of ETL (informatica) process to load data from source to staging, foundation and presentation layers of the DW. Deep understanding of ETL concepts, standards, and best practices.
* Managing multiple development and maintenance projects with onshore and offshore team of 15 resources.
* Managed some of the key Risk applications in Union bank – Risk Authority 2.0 (Moody’s product for regulatory capital reporting Basel-II/III – FFIEC-101, HC-R, and CCAR Reports), Risk Frontier, Data Integrity & Meta data repository of UB.
* Excellent teamwork skills, good communication and presentation skills.
* Functioned as credit risk specialist/technical Architect and lead both onsite and offshore teams including allocation of development and support tasks.
* Extensively worked in SOW processing and effort reconciliation for various projects.

**Skill Summary**

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| **ETL/BI Tools** | Informatica 7.1 and Informatica 8.6, Visual basic-6.0, IDQ-8.6, IDE-8.6, Toad, Visio-2007 |
| **Operating Systems** | Windows 9x, 2000 and XP, windows 7, Unix and Linux. |
| **Databases** | Oracle 8i/9i,10g,11g,SQL server-7.0 ,2000 and 2005,Sybase |
| **Products** | Moody’s Risk Authority, Moody’s Risk Frontier and Limit Management System |

**Education Details**

* Bachelor in science (Electronics) and passed in Apr 1998.
* GNIIT from National Institute of information technology passed in mar 2001.

**Professional Summary**

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| **Genpact** | Sr.Manager | Sep2017 – till date |

**Project Name:** CRDIV/Basel-III

**Client:** Saxo Bank

**Role:** Techno-functional manager/Architect

**Environment:** MS-SQL, AxiomSL Tool (Controllerview)

**Description-**Currently working as Techno functional senior manager for Axiom implementation account. Implemented CRDIV including capital, liquidity and financial/statistical modules in Saxo bank using Axiom Tool. Also in addition created business specification for complex banking regulations related to India, HK & Singapore.

**Project Name:** DQ Risk and compliance

**Client:** PayPal

**Role:** Techno-functional manager

**Environment:** Teradata

**Description:-Joined as** as Techno functional senior manager and taken lead to deliver Risk and Compliance DQ modules for PayPal . Created the DQ scorecards validation rules for Paypal regulations and compliance. Extensively worked in SOW processing, invoicing and effort reconciliation for various projects.

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| **DerivIT** | Sr.Analyst | Jul 2016 – sep2017 |

Joined as a senior analyst and my responsibilities includes analysing the various risks for banks per Basel-II & III norms using Moody’s tool RAY2.0,providing architecture for Data warehouse ETL and Analysing and profiling data in various platforms. Extensively working on Requirement Gathering/Analysis, Data mart Modelling & Design for data warehouses and transactional systems, Performance Optimization in banking domains. Taking lead in in ETL Architecture, Data analysis & modelling, Development, Application support & maintenance.

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| **Capgemini** | Technical architect |  | July 2005 – Jun 2016 |

**Project Name:** Risk weighted Asset (RWA)

**Client:** Union Bank

**Role:** Technical architect/Basel Data analyst

**Industry:** Banking

**Project Type:** Development / maintenance

**Environment:** Windows/Unix, Oracle, Informatica 8.6, Moody’s Tool (Ray 2.0)

**Duration:** July 2013 – Jun 2016

**Description:** The scope and objective of this project includes the development of the code and to do the end to end support for the Basel II & Basel-III components (RWA, RGC Etc). These include input data integration with other work stream groups, exposure completeness, RWA calculations for credit portfolio, Tier1/Tier 2 Capital allocation, ongoing monitoring needs and other framework requirements. Other work stream groups for input data integration include commercial, retail, traded products, securitization, equity, controllers, market and operational risk.

**Responsibilities:**

* End to end supporting business/customer on every quarter end for Basel II & Basel-III regulatory reporting process.
* Extensive Data Analysis, calculation, Data profiling on data like RWA,RGC,EAD,PD & LGD for understanding the granularity and relationships.
* Requirement gathering directly from business/Customer.
* ETL programming, Database programing, UNIX shell scripting, JIL scripting, code reviewing and creating test script, database modelling and design.
* Extensive data profiling and validation on commercial, retail, traded products, securitization, equity, capital, market and operational risk.
* Creating project related understanding and process Documents.

**Project Name:** Executive intelligence dashboard

**Client:** Union Bank of California

**Role:** Project Lead/Data Analyst

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows/Unix, Oracle, Informatica 8.6

**Duration:** July 2012 - June 2013

**Description:** This EID (Executive Intelligence Dashboard) includes the business units (PROJECTS, Finance, HR and operational metrics) within the Bank Technology & Services group with the related required information. This will be an executive tool that highlights key metrics, exceptions and high variances. The dashboard will save user time and avoid information overload by summarizing and prioritizing key metrics. The EID reports can be rolled out to other key business executives for use in the future. This dashboard is implemented by utilizing informatica 8.6 and OBIEE. In the past, UB worked with the consulting group, McKinsey, to create a reporting workbook of Excel-style reports. This effort led to an overabundance of metrics that was difficult to summarize within a dashboard. UB has explored the use of advanced functionality that is offered with Oracle Business Intelligence Enterprise Edition (OBIEE) tool. The dashboard that will be developed in this project will be the foundation for future executive dashboards.

**Responsibilities:**

* Requirement gathering directly from business.
* Extensive Data Analysis, Data profiling on data like Finance, Projects, HR and operational metrics for understanding the granularity and relationships.
* ETL programming, Database programing, UNIX shell scripting, JIL scripting, code reviewing and creating test script, database modeling and design.
* Extensive Reviewing and Testing.
* Creating project related process Documents and following the process of infa admins to implement the project in production.
* Creating Production implementation plan and implementing in Production.

**Project Name:** Federal Deposit Insurance Corporation

**Client:** Union Bank of California

**Role:** Project Lead/Data Analyst

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows/Unix, Oracle, Informatica 8.6,

**Duration:** March 2012 - July 2012

**Description:** In April 2010, Union Bank (“Bank”) acquired Frontier Bank and Tamalpais Bank – through an FDIC (Federal Deposit Insurance Corporation) assisted acquisition process. Union Bank submitted a high level Basel II implementation plan for the two acquired banks to the regulators in June 2011. The goal for this project is to include these acquired loans into the Basel II AIRB RWA regulatory capital calculation for the June 2012.

**Responsibilities:**

* Requirement Gathering.
* Creating Design Document.
* Create new ETLs or modify existing ETL mappings for new as well as changed business requirements.
* Create unit test cases for the new business requirements.
* Setup non prod environments for Integration testing and UAT for the testing of new / changed environments.
* Creating Production implementation plan and implementing in Production.

**Project Name:** Shared National Credit (SNC)

**Client:** Union Bank of California

**Role:** Project Lead/Data Analyst

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows/Unix, Oracle, Informatica 8.6

**Duration:** January 2011 – March 2011

**Description:** The Shared National Credit (SNC) data are collected annually for the federal banking regulatory agency to evaluate the largest and most complex syndicated credits during the onsite examination phase of the SNC program. The Credit Risk Reporting Group (CRR) collects, validates and submits the bank’s SNC data to the regulatory agency; and also prepares the SNC Portfolio Overview Report for the Risk Committee of the Board of Directors.

**Responsibilities:**

* Requirement Gathering.
* Creating Design Document.
* Create new ETLs or modify existing ETL mappings for new as well as changed business requirements.
* Create unit test cases for the new business requirements.
* Setup non prod environments for Integration testing and UAT for the testing of new / changed environments.
* Creating Production implementation plan and implementing in Production.

**Project Name:** Acquired Loan Datamart (ALDM)

**Client:** Union Bank of California

**Role:** Developer/Data Analyst

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows/Unix, Oracle, Informatica 8.6

**Duration:** November 2011 - January 2011

**Description:** Union Bank has acquired Tamalpais Bank and Frontier Bank which are FDIC assisted acquisitions. Per FDIC acquisition requirements, the Bank needs to be able to accurately track acquired banks in order to file loss certificates to the FDIC. The bank created a centralized data mart for tracking this information.

**Responsibilities:**

* Run month end loads in Production.
* Create new ETLs or modify existing ETL mappings for new as well as changed business requirements.
* Create unit test cases for the new business requirements.
* Setup non prod environments for Integration testing and UAT for the testing of new / changed environments.

**Project Name:** Loss given default-Day-II

**Client:** Union Bank of California

**Role:** Developer/ Data Analyst

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows/Unix, Oracle, Informatica 8.6

**Duration:** June 2011 – October 2011

**Description:** The objectives of this project are to augment the Commercial Credit Rating System portion of the banks’ overall Basel II solution to incorporate the new LGD Risk Ratings which will follow the same path established for PD Risk Rating. These include a range of credit system interfaces, data capture for support of the banks’ new dual rating system framework, and related credit process and policy changes.

**Responsibilities:**

* Run month end loads in Production.
* Create new ETLs or modify existing ETL mappings for new as well as changed business requirements.
* Create unit test cases for the new business requirements.
* Setup non prod environments for Integration testing and UAT for the testing of new / changed environments.

**Project Name:** PDI02 (BASEL II Data Quality)

**Client:** Union Bank of California

**Role:** Developer/ Data Analyst

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows/Unix, Oracle, Informatica 8.6

**Data quality Tool:** IDQ, IDE

**Duration:** January 2010 – May 2011

**Description:** This implementation is related to the PDI-02 Basel II Data Integrity project and involves the migration of Informatica Data Quality (IDQ) toolset that will extend Union Bank’s existing PowerCenter 8.6 infrastructure. This migration includes PowerCenter mappings (that incorporate IDQ Mapplets) which will allow for automation of data integrity monitoring for completeness, validity, consistency and conformity to business rules. The results (of erroneous data) are written to a dedicated Oracle reporting schema that will be accessed by Business Objects, for management reporting. Creating the quality scorecards every month using the Data quality monitoring tool for the below subject areas. Commercial (CDW), Retail (EDW), Operational Risk, Trading Risk (RWA), Equity etc.

**Responsibilities:**

* Extensive Data Analysis, Data profiling on source data like CDW, EDW, ODS, RWA and other flat files for understanding the granularity and relationships.
* Code Development and database design.
* Extensive Reviewing and Testing.
* Creating migration Documents and following the process of infa admins to implement it in production.

Additional Initiative:- Project Tracker project

* Designed end to end technical approach utilizing Power Center to automate Project Tracker.
* Automated the end to end process flow of the project tracker using informatica, Winscp, excel macro.
* This project tracker is presented at higher management level to get the project status in the form of expected score card.

**Project Name:** PDI03 (BASEL II Data Quality)

**Client:** Union Bank of California

**Role:** Developer/ Data Analyst

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows/Unix, Oracle, Informatica 7.1

**Duration:** May 2009 – December 2009

**Description:** UBOC BASEL II committee has identified several data elements required for BASEL II project. One of the important projects is PDI03, which is to look at all existing data elements under BASEL II and address data Quality and end to end Data integrity. We have worked on these data elements that fall under different streams like Retail, Commercial, and Trade etc.

**Responsibilities:**

* Data Analysis on source data like CDW, EDW, ODS and mainframe.
* Code Development.
* Unit Testing.
* Developing Test Case and Mapping Specification Documents.

**Project Name:** UBOC DW Optimization

**Role:** Tech Specialist

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows/Unix, Oracle, Informatica 7.1

**Duration:** January 2008 – April 2009

**Description:** This project is for Union Bank of California. Here we have to work around various data elements and find out for implementing BASEL II. If the data elements are behaving as it should, we have been given in DRT data quality requirements and we have to find and fix, if there is any discrepancy in the data elements. Over the execution of project, emphasize is to achieve maintainability, stability, reusability, and performance optimization of the code.

**Responsibilities:**

* Gathering requirements from client directly.
* Preparing Design documents and analysis documents.
* Performance tuning activities.
* Leadership of Data Quality (Improving quality of database) Team.
* Handling the project independently.
* Unit testing and Integration testing for the mappings.

**Project Name:** Client source

**Role:** Tech Lead

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows, MSSQL-2000, Asp.Net, C#.Net, Web Services, Java Script, XML

**Duration:** June 2007 – December 2007

**Description:** This project is for Royal Bank of Canada. Client Source is a web based application that provides Head Office and Branch users the ability to open investment account. The application delivers a client centric view of the accounts and provides some additional functionality.

Currently the project is divided into 3 modules:

* Forms & Mapping – Our responsibility is to develop the FORMs which essential deal with merging the PDF template with XML file, generate XML metadata and SP change if any. All these FORMs to be developed.
* Client Source Framework – Worked on SCRs.
* Reports – All the reports will be generated through a batch job and then placed in a specific folder and made available for the user the next day morning. The reports will be generated as excel sheets and stored in a pre-defined path. The user can select the report type [depending on the user roles the report types are shown in the UI] and then the date and if the excel file is available for that date it is shown to the user, else an error message is shown.

**Responsibilities:**

* Performance tuning activities.
* Leading the DB Team
* Review of Analysis documents, Test Case documents and DB Coding
* Unit Testing.
* Gathering requirements and Implementing.

**Project Name:** CEES DW

**Role:** Tech Lead

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows-2000, Oracle-9i, MSSQL-2005, SSIS, SSRS

**Duration:** March 2007 – June 2007

**Description:** This project is for Royal Bank of Canada .This project will execute the Source CHS, JS, and CP to data warehouse. After that it will mainly focus on creating the appropriate DataMart and extracting the reports from them. Addition to that appropriate design documentation created also. Focus is on improving the performance of extracting reports, wherever possible. Over the execution of project, emphasize is to achieve maintainability, stability, reusability, and performance optimization of the code. The last and important part of the project is Adhoc reporting.

**Responsibilities:**

* Performance tuning activities.
* Taking Leadership of Development and Review Team.
* Creating Project architecture.
* Creating DataMart and designing the data warehouse.
* Preparing client deliverable documents.
* Unit testing and Integration testing for the mappings.

**Project Name:** UBOC DW Optimization

**Role:** Tech Lead

**Industry:** Banking

**Project Type:** Development

**Environment:** Windows, UNIX, Oracle 9i, Informatica 7.1

**Duration:** April 2006 – November 2006 & February 2007

**Description:** I have done this project for Union Bank of California .This project will execute the rework on Informatica code for CDW and ICRS systems of UBOC. Project will mainly focus on ensuring the code meets the standards and deliver with appropriate design documentation. Also, focus is on improving the performance of mappings, wherever possible. Over the execution of project, emphasize is to achieve maintainability, stability, reusability, and performance optimization of the code.

**Responsibilities:**

* Performance Tuning activities
* Leadership of Review Team
* Review of Analysis documents, Design documents, Test Case documents and Coding
* Unit testing and Integration testing for the mappings.

**Project Name:** CRIMES Mississippi

**Role:** Tech Lead

**Industry:** Laws & Justice

**Project Type:** Development

**Environment:** .Net, ASP.NET, C#, SQL Server 2000, Crystal Reports

**Duration:** July 2005 – February 2006

**Description:** The project is for CIBER.CRIMES™ (Case Records Information Management and Exchange System) are a comprehensive attorney automation system, designed by and for attorneys. The CRIMES suite contains modules offering special functionality in Adult Criminal Prosecutions, Victim/Witness, Juvenile Prosecutions, and Juvenile Wards of the Court, Investigations, Worthless Check Prosecutions, Traffic, Civil Matters, and Welfare Fraud. CRIMES handles all the routine details associated with prosecution, so that prosecutors and their staff have more time to focus on trial strategy, investigation of cases, communications with victims and witness, and development of innovative crime prevention programs.

**Responsibilities:**

* Performance Tuning activities
* Leadership of Review Team
* Review of Analysis documents, Design documents, Test Case documents and Coding
* Unit testing and Integration testing for the mappings.

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| **I.T.C Ltd** | DB Administrator | June 2004 – June 2005 |

**Project Name:** Retail based project

**Role:** Database Administrator & MIS

**Front End:** JDK 1.2

**RDBMS:** Ms-Sql-2000

**Operating System:** Win-2000 server

**Team Size:** 4

**Description:** It is a project related to Retailing Industry. All details related to Customers, items and transactions has been maintained in the front-end. The Database size is nearly about (10 gbX42 stores). Stock and Inventory has been maintained in the backend. The database size is30gb. Inventory and stock has been kept on One Database, means backend database is an online database. Front end database has been divided for all stores and it is treated as Off-line database. All stores has a common front-end database named as PAS. So after doing the transaction all 42 stores has to replicate the data to PAS. So we can collect data from all stores by sitting on the server and make all the report.

**Responsibilities:**

* Database Designing.
* Import & Export of Database.
* Alerts.
* Backup and Restore.
* Locks.
* Recovery.
* Log Shipping.

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| **Accura Infotech Pvt Ltd** | DB Administrator | March 2003 – February 2004 |

**Project Name:** Office Automation Project

**Role:** Database Administrator

**Front End:** Visual Basic-6.0

**RDBMS:** Oracle-8.0

**Operating System:** Sco UNIX

**Description:** Project is for Zee News. It is basically an ERP Office automation Project. This project Contains Library Transaction, Accounts, Medical transactions, Canteen transaction and House rent transactions. After that I used to manage the Database Administration & Network administration.

**Responsibilities:**

* Software Development.
* Import & Export of Database.
* Alerts.
* Backup and Restore.
* Locks.
* Jobs.
* Microsoft Windows NT® services related to Oracle-8.0.
* Interaction with the Operating System (Sco-Unix).
* Recovery.
* SQL Server Agent.

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| **Goldgem Pvt Ltd** | System Engineer | April 2001 – March 2003 |

**Project Name:** Diamond Mines Project

**Front End:** Visual Basic-6.0

**RDBMS:** MS- SQL-2000

**Operating Systems:** Windows Advance Server-2000

**Description:** It is basically an ERP Project (Jewellery manufacturing Designing and maintaining the full-fledged Accounts System.). It Keeps Data from Very beginning means when we get Diamonds from mines up to Jewellery Design. It keeps the track of Inventory control, Outward stock, Inward stock, Local Invoice, Overseas Invoice, Challan, Accounts, and Balance sheet etc. It contains about 20 master tables, 31 transaction tables and 25 Reports.

**Responsibilities:**

* Software Developer.
* Maintaining the Database (Ms-Sql-2000).
* Import & export Of Database.
* Backup and Restore
* Writing Queries, Subqueries, Triggers, and Procedures for the backing program.
* Database Security.
* Space management.
* Configuring Oracle Server & Client.
* Maintaining Server (Windows-2000 advance server) with 100 clients as a network Administrator.

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| **NIIT Ltd** | Network Administrator and Software Developer | April 2000 – March 2001 |

**Project Name:** Health Care Project

**Role:** Network Administrator and Software Developer

**Front End:** Visual Basic-6.0

**RDBMS:** MS- SQL-2000

**Operating Systems:** Windows Advance Server-2000

**Description:** It is an ERP HealthCare Project. It consists of all the details regarding medical transactions. Basically it contains Master, Transactions and Accounts. First of all Doctors, diseases and medicines are been categorized in Master parts. Medical. Equipments has its own Master tables. After that which doctor treats which patient, what medicine has been prescribed and the modes of treatment, all data has been kept properly in database. That means if any doctor wants the medical history of any patient one can see all the details. It will come on transactions details. On accounts details Medical fee has been categorized .According to fees medical beds have been categorized. Reservation and cancellation of beds is a part of transaction tables. Apart from this Online Treatment, taking appointments with doctors and Other Important features are present in this module.

**Responsibilities:**

* Software Developer.
* Marinating the Database as a D.B.A.
* Writing Queries for Reports.

Additional Skills:-

* Rectifying the problems on LAN environment in BUS, RING and STAR topologies and WAN environment using SWITCHES, HUBS and ROUTERS.
* Maintaining the network of 5 servers and 1500 clients in LAN environment. From 5 servers 2 are win-NT terminal server ,1 are Linux server and 2 belongs to
* UNIX server.
* All the clients belong to win-NT workstation.