**RESUME**

**Prasenjit Ghosh**

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* Having 13+ years of IT experience in Data warehousing/Business Intelligence platform. Experienced on development & administration of Reporting tools like Business Objects 4.1, Crystal Reports.Actuate, Active Portal, Oracle Report/Forms.
* Designed and developed conditional, grouped, sequential, parallel and cross-tab reports, Reports with sub-reports as per the business needs (Business Objects/Crystal Reports, /Actuate).
* Designed and developed Ad-hoc reporting universes using OLTP database as well as from Datamart/DWH.
* Extensive experience in Generating data extracts using Unix scripts and procedures in SYBASE&Autosys as scheduler.
* Extensively used Stored Procedures for the Reporting needs.
* A leader with exemplary communication, relationship management, analytical and organizational skills. A positive thinker with a proven track record of increasing revenues, streamlining workflow and creating a team work environment to enhance productivity.
* Experience in diverse financial domain including Retail, Wholesale Banking,Investment Banking & Asset Management.
* Extensive project life cycle experience and have been involved in requirement specification, analysis, design, development, user acceptance testing, and Implementation of very large systems.
* Exposure to Formal Quality Processes.

**SAP BO TECHNICAL SKILL SET:**

* Expertise in SAP Reporting tools using Business Objects XI 4.1/3.1/XIR2, Crystal Reports Enterprise version.
* Expertise in building Universes and creating complex Reports using the Business Objects Web Intelligence and Crystal Reports.
* Expertise in business objects Administration.
* Expertise in migrating the BO reports and universes from old versions to new versions(BO 3.1 to 4.1)
* Efficient design for multi-database supported universes in IDT BO 4.1
* Good knowledge of Oracle 10g/9i,MS SQL
* Expertise in Installation of BO with Different App servers on Different platforms

**IT SKILLS**

* Operating Systems Windows NT/UNIX
* RDBMS Oracle 10g/Sybase
* Tools & Utilities Business Objects 6.5/XI R3/BI 4.1, Business Objects Xcelsius/Dashboard, Qaaws, LiveOffice, Informatica
* Modelling Tools ER-win Data Modeller 3.5, 4.1
* Configuration Tools Microsoft Visual Source Safe (VSS) 6.0 ,PVCS,CVS,Clearcase
* Project Management MS Project 2000

**PROJECT EXPERIENCE:**

**Project Title Data warehousing/BI Reporting**

**Client              : Shell/Akina Consulting Inc**

**Roles             : Technical Manager**

**Duration         : 24th November 2013 – till date**

**Project Overview**:It involved migration of a big reporting application consists of almost 8500+ reports from Business objects 3.1 to 4.1. In this project we had to design/develop/maintain an integrated web reporting portal as well. It involved designing the logical & physical data models, developing database objects & designing the reporting portal using word press/php.

**Responsibilities:**

* I have been involved in resource planning and management of the different stages of the project. I managed a team of 40+ resources and trained them in required technologies.
* I have been involved in requirement gathering, analysis, migration planning in stages for the different reporting modules, user acceptance testing and post Implementation support of these very large systems.
* Designed logical & physical data models.
* Developing database objects- stored Procedures/Functions for executing different sub-routines and loading fact and report tables.
* Responsible for complex analysis of data for various reporting requirements involved in development of ETL processes for extracting data from the source. Created dashboards Cross-tab, Drill down, Bar Chart Web Intelligence Reports using Alerts and Ranking with prompts and filters for Business Users across Systems of Analysis.
* Customization of word Press themes.
* Designing & developing web pages using DHTML/Java Scrpits/Php programming.

### Environment:Oracle 10G, IBM Websphere, Crystal Reports XI, CMC, Business Objects Enterprise Xi 3.1 SP4, BO Designer, Infoview XIR2/3.1,Xcelsius Enterprise 2008,Business Objects Live Office,DesktopIntelligence,Java,J2EE,Windows XP/2003, Windows Citrix, Business Objects Enterprise XI 3.1/4.0.

**Project Title MAP-Data warehousing/BI Reporting**

**Client              : CITI New Jersey**

**Roles             : SAP BO Universe/Report- Developer, Tech Lead.**

**Duration         : 24th August 2011 –November, 2013**

**Project Overview**: This project was to develop/maintain a huge Data warehouse and web reporting platform consists of reporting applications developed on Business Objects and Oracle including an integrated web reporting portal.

**Responsibilities:**

* Created reporting universes for Ad-hoc reporting needs. Created canned WEBI/DESKI/Crystal reports using reporting universe using multiple data providers. Implemented Universe Row/Objects level security model as per business requirement. Designed, developed and maintained Universes against Oracle 10G database, used derived tables for improving performance. Created objects and complex filters focusing on critical business functions by coordinating with IT Team and Business Users.
* Created Cross-tab, Drill down, Bar Chart Web Intelligence Reports using Alerts and Ranking with prompts and filters for Business Users across Systems of Analysis, Compliance.
* Managed business requirement analysis, design and developed Universes for comparative Analysis of Data.
* Scheduled Parameterized Web Intelligence/Crystal Report documents for branches and to save the reports in pdf and excel formats on network drive for online applications.
* Involved in building the finance, administration related reports using Business Objects XI /Crystal reports XI and participating in integration of the reporting module with Web Portal.
* Actively participated in giving user training on Web Intelligence Reports, and thus contributed in improving project enhancement requests activities by proactively developing business relationships with both business users and project team.

### Environment:Oracle 10G, IBM Websphere, Crystal Reports XI, CMC, Business Objects Enterprise Xi 3.1 SP4, BO Designer, Infoview XIR2/3.1,Xcelsius Enterprise 2008,Business Objects Live Office,DesktopIntelligence,Java,J2EE,Windows XP/2003, Windows Citrix, Business Objects Enterprise XI 3.1/4.0.

**Project Title : MARSH-MI-Data warehousing/BI Reporting**

**Client              : MARSH New Jersey**

**Roles             : ETL-Universe/Report- Developer, TechLead.**

**Duration         : 20th August 2010 –23 Aug 2011**

**Project Overview**: This project was to develop/maintain a huge Data warehouse and web reporting platform consists of almost 20+ reporting module developed on Business Objects/Actuate and backend as Oracle including an integrated web reporting portal. It also includes development of ETL processes which take care of loading data from different third party feed sources. This Global platform supports reporting requirements of the Marsh & McLennan Companies.

**Responsibilities:**

* Extensively worked on understanding the FS.
* Analyzing FS and design the TS.
* Design, development of BO Universe.
* Created Classes and Objects.
* Specified joins and checked cardinalities
* Used alias and context to solve Loops
* Solved Problems like Chasm trap, Fan trap.
* Generating reports according to client’s requirements.
* Worked with multiple charts & different functions.
* Working with sorter, Rank, Alerter Applications in reports.
* Working on Drill through strategy of BO for analysis.
* Involved in dimensional data modeling using Erwin.
* Prepared the ETL Design Documents as per the Business Specifications.
* Developed ETL Mappings using Informatica PowerCenter used Lookup, Aggregator, Expression, Update Strategy, Stored Procedure, Filter and Router transformations.
* Monitored and Scheduled Workflows, Worklets and Sessions for daily/Weekly extracts.
* Involved in unit and integration testing of mappings in ETL Test environments.
* Involved in the production support, enhancing the Product features by Error Handling and performance tuning on targets, sources, mappings and sessions.
* Responsible for complex analysis of data for various reporting requirements involved in development using Informatica for extracting data from the source systems to transform and load into the target.
* Performed testing of the ETL processes and reports before releasing the application to the end users
* Initiated re-writing of some of the bottle-neck processes, after identifying the causes for their poor performance

### Environment:Oracle10G,IBMWebsphere, Crystal Reports XI, CMC, Business Objects EnterpriseXiR2SP4,BODesigne,InfoviewXIR2,XcelsiusEnterprise2008,BusinessObjectsLiveOffice,DesktopIntelligence,Autosys,Java, J2EE,Windows XP/2003, Windows Citrix, SAP BW, Performance Manager, Business Objects Enterprise XI 3.0.

**Project Title : TAS-NA-Reporting**

**Client              : UBS New Jersey**

**Roles             : Application / Reports Developer, Jr TechLead.**

**Duration         : 24th Oct 2009 – 19th August 2010**

**Project Overview**:UBS is a Prominent Investment Bank and leader in Asset management domain. This project was to develop reporting frame work from main Data warehouse which is loaded from different third party feed source systems.

**Responsibilities:**

* Worked directly with Business users to get the reporting requirements. Prepared the FS for reporting modules.
* Did required Analysis on FS and design the TS.
* Design & development of BO Universe.
* Created Classes and Objects.
* Specified joins and checked cardinalities
* Used alias and context to solve Loops
* Solved Problems like Chasm trap, Fan trap.
* Generating reports according to client’s requirements.
* Worked with multiple charts & different functions.
* Working with sorter, Rank, Alerter Applications in reports.
* Working on Drill through strategy of BO for analysis.
* Prepared the ETL Design Documents as per the Business Specifications.
* Monitored and Scheduled Workflows, Worklets and Sessions for daily/Weekly extracts.
* Responsible for complex analysis of data for various reporting requirements involved in development using Informatica for extracting data from the source systems to transform and load into the target.

### Environment:Oracle 10G, IBM Websphere, Crystal Reports XI, CMC, Business Objects Enterprise Xi R2 SP4, BO Designer, Infoview XIR2, ,Xcelsius Enterprise 2008,Business Objects Live Office,Desktop Intelligence,Autosys,Java, J2EE,Windows XP/2003, Windows Citrix, SAP BW, Performance Manager, Business Objects Enterprise XI 3.0 .

**Project Title : FCIS- Reporting**

**Client              : FedEx Memphis, TN.**

**Roles             : Application / Reports Developer, Jr TechLead.**

**Duration         : 24th Mar 2009 -23rd Oct 2009.**

**Project Overview**: FedEx Financial Revenue Recognition system reports on all international shipment/transactions that pass through Revenue Recognition system for all revenue stages. In this project we developed complex Financial reports and Summary Universe to displays daily and Month to Date data for all Revenue and Operating companies.

**Responsibilities:**

* **Created** reports related to Finance, Admin, Product categories by passing parameters on Daily -Weekly-Monthly basis using **Crystal Report XI for business analysis.**
* **Developed complex cross tab, drill down reports** involving multiple charts and Sub-reports against oracle database using Crystal Report XI.
* Involved in implementing through Quality Processes (participated in audits, etc) within my team to comply with the standards followed.
* Involved in preparing the standard checklists for DLD Review, Code Review and Unit Test Plans.
* Created Cross-tab, Drill down, Bar Chart Web Intelligence Reports using Alerts and Ranking with prompts
* Actively participated in giving user training onWeb Intelligence Reports,and thus contributed in improving project enhancement requests activities by proactively developing business relationships with both business users and project team.

### Environment:Oracle 10G, IBM Websphere, Crystal Reports XI, CMC, Business Objects EnterpriseXiR2,SP4,BODesigner,InfoviewXIR2,Enterprise2008,Windows XP/2003, Windows Citrix, SAP BW, Performance Manager, Business Objects Enterprise XI 3.0.

**PROJECT EXPERIENCE:**

**Project Title : GLAM\_HZ-AMWM**

**Client              : UBS New York, NY.**

**Roles             : Application / Reports Developer, Jr TechLead.**

**Duration         : 15th May 2008 –Mar 2009**

**Project Overview**: This project was to maintain and enhance a huge web platform consists of almost 20+ applications developed on j2ee and Oracle including an integrated web reporting module. It also includes ETL process which takes care of loading data to main database from different third party feed sources. It is a huge application which supports almost every activity of Asset Managementand also it included comprehensive Sales reporting to Business.

**Responsibilities:**

* Involved in dimensional data modeling using Erwin.
* Prepared the ETL Design Documents as per the Business Specifications.
* Worked directly with Business users to get the reporting requirements. Prepared the FS for reporting modules.
* Did required Analysis on FS and design the TS.
* Design & development of BO Universe.
* Created Classes and Objects.
* Specified joins and checked cardinalities
* Used alias and context to solve Loops
* Solved Problems like Chasm trap, Fan trap.
* Generating reports according to client’s requirements.
* Worked with multiple charts & different functions.
* Working with sorter, Rank, Alerter Applications in reports.
* Working on Drill through strategy of BO for analysis.
* Developing database objects stored Procedures /Functions/PL-SQL for executing different sub-routines and loading fact and report tables storing data from Bond & equities trades.
* Responsible for complex analysis of data for various reporting requirements involved in development using ETLs for extracting data from the source, transform and load into the target
* Performed testing of the ETL processes and reports before releasing the application to the end users
* Involved in building the finance, administration related reports using Business Objects XI /Crystal reports XI and participating in performance enhancement for various ETLs.
* Initiated re-writing of some of the bottle-neck processes, after identifying the causes for their poor performance

### Environment: Oracle 10G, IBM Websphere, Crystal Reports XI, CMC, Business Objects Enterprise Xi R2 SP4, BO Designer, Infoview XIR2, ,Xcelsius Enterprise 2008,Business Objects Live Office,Desktop Intelligence,Autosys,Java, J2EE,Windows XP/2003, Windows Citrix, SAP BW, Performance Manager, Business Objects Enterprise XI 3.0 .

**Project Title : Fixed Income Prime Brokerage.**

**Client              : UBS JerseyCity, New Jersey.**

**Roles             : Application / Reports Developer, Jr TechLead.**

**Duration         : 10th Oct 2007 -15th May 2008**

**Project Overview**: UBS is a Prominent Investment Bank and leader in wealth management domain. The Prime Brokerage wing of UBS is there to service the requests from hedge funds across globe. It process and execute the trades for its client’s mainly hedge funds and on its own. The Fixed Income Prime Brokerage application is the core trade processing systems in UBS. In this project the FIPB team generates the reports and client extract daily and monthly basis also maintain the trade processing application which is used by UBS for trade booking and processing.

**Responsibilities:**

* Designed, Developed and Scheduled Web Intelligence Reports with prompts and Created Detail Summary Desktop Intelligence and Crystal Reports like Fixed Income Reports foranalyzing Transaction Details,Swap positions report, Fixed Income Treasury, Mortgaged Backed Securities and Mortgage Revenue Bonds Reports with complex Groups and Record selection formula for Business users to comparedata against Test, Acceptance and Production Environments.
* Created Reports and prompts for presenting complex data summary report with lots of conditional formatting, Exception highlighting.
* Created complex Cross tab Crystal Reports to validate data, Performed data verification on the universe by creating Business Objects XI WEBI reports and cross checking using SQL statement against database.
* Implementations of the build in different testing environment.
* Developing stored Procedures, Functions in SYBASE for executing different sub-routines and loading fact tables. Generating Client extracts using procedure from fact table data. Tuned databases objects and SQL for high performance. Developed complex cross tab, drill down reports involving multiple charts and Sub-reports against oracle database using Crystal Report XI.
* Analyzed database schema, interacted with DBA in creating Partitions and Indexes on Tables and thus contributed on Reports tuning and Performance Issues.
* Migrated reports across different servers using Business Object report migration wizard. Worked on Administration module and user management in a distributed environment.

### Environment:SYBASE,IBM Websphere, Crystal Reports XI, CMC, Business Objects Enterprise Xi R2 SP4, BO Designer, Infoview XIR2, ,Xcelsius Enterprise 2008,Business Objects Live Office,Desktop Intelligence,Autosys, Java, J2EE,Windows XP/2003, Windows Citrix, , Performance Manager.

**Project Title : Global Trade Portal.**

**Client : ABN-AMRO Jersey City, New Jersey.**

**Roles :** Application Developer, Jr TechLead, Onsite Co-ordination

**Duration**  : 16th Oct 2005 – 9th Oct 2007

**Client Overview: ABN AMRO** is a prominent international bank; ranks 11th in Europe and 20th in the world, based on tier 1 capital, with over 3,000 branches in more than 60 countries.

**Project Overview:** ABN AMRO’s Online Global Trade Portal continues to be recognized in the market as an industry leader in Online Trade Finance. ABN AMRO won ‘Best Online Trade Finance Bank 2006’ from Trade Finance Magazine for the fourth year running for thisOnline Global Trade Portal application. It makes more possible for importers and exporters by leveraging core competencies in financing, settlement, business and process expertise, regulatory knowledge and global presence to improve supply chain efficiency, relieve pressure points in the trade cycle, reduce operating costs and improve working capital management.   
For buyers and sellers, this **Online Global Trade Portal** offers integrated risk mitigation, settlement financing and information solutions that span the product continuum from traditional documentary credits to management solutions.

**Responsibilities:**

* Managed and completed business requirements gathering and system specification by streamlining as ad-hoc requirements gathering process and facilitated sessions as the key methodology for gathering high level business requirements from Business Users.
* Use the Actuate Server V7/Active Portal to deploy the reports into server.
* Design numerous reports like Sequential, parallel, Grouped, and Nested Reports.
* Generate Conditional Reports based on Parameters which users can pass them to get appropriate data from complex data base.
* Created the reports using the browser scripting controls and dynamic text controls.
* Generated Actuate Reports, which read data from a Flat File by overriding the methods.
* Customized Active Portal code as per business needs. Implemented **internationalization** feature of Actuate.
* MigratedActuate7 reports toBusiness Objects XIR2 reportsand Crystal Reports.
* Created and Managed Users and Groups rights to administer scheduling, security and auditing using Central Management Console.
* Managed user, group and object level security using Access Control Lists to all documents, categories, connections and universes.
* Analyzed high level business requirements using functional decomposition methodology and created complex compact multi tab Business Objects Merchandising & Sales reports which include Daily, Monthly, Quarterly and Yearly Forecast , Net Sales, Returns and Transaction information using multiple data providers, Global , Table Filters, Master Detail Tables, Crosstabs with breaks and sorts based on user requirements.
* Reduced duplication of task and improved productivity of the end-users through the establishment of a very efficient on-line document repository which included User Guides.

### Environment:Oracle 10G, IBM Websphere, Crystal Reports XI, CMC, Business Objects Enterprise Xi R2 SP4, BO Designer, Infoview XIR2, ,Xcelsius Enterprise,Business Objects Live Office,Desktop Intelligence , Java, J2EE,Windows XP/2003, Windows Citrix.

**Project Title : CDW -Reporting.**

**Client : ABN-AMRO Chicago, IL**

**Roles : Module Leader, Informatica Developer,**

**Duration : 15th Sep 2004 – 13thOctober, 2005**

**Client Overview: ABN AMRO** is a prominent international bank; ranks 11th in Europe and 20th in the world based on tier 1 capital, with over 3,000 branches in more than 60 countries.

The overall objective of the whole Basel initiative, at ABN North America (NA), is to comply with Basel II specification and guidelines. Basel committee’s philosophy is to encourage banks to have good internal risk management systems, to encourage this advanced methods have lower capital requirements thereby giving an incentives for banks to adopt this. ABN NA has decided to adopt the most sophisticated methods. Objective is to save capital and get good ratings from credit rating agencies. This demands stringent data requirements, which needs to be integrated at a central repository.

**Project Overview:**

**Phase I :** In this phase, the data from different source systems such as Fidelity, Infopoint, Leasepak etc is loaded into the Commercial Data Warehouse (CDW) after performing some data standardization and generating reports for user verification.

**Phase II :**  This phase involves in loading the data from Commercial Data Warehouse (CDW) to Operational Data Store (ODS). This ODS layer acts as the intermediate layer where all the basic validations i.e. Standard Validations (example: date and number validations), data integrity validations, look up validations are done and generating reports for user verification from ODS.

**Phase III :** In this phase, the data from Operational Data Store (ODS) is loaded to the Operational Data Warehouse (ODW). This Operational Data Warehouse (ODW) used as the staging area from where the reports are generated in accordance to client's requirements.

**Responsibilities:**

* Involved in Offshore task handling, overlooking and distribution of tasks within team and ensuring that the deadlines for deliverables are met.
* Coordinated with the Onsite Team and had interaction with Clients & Business Users on a regular basis to understand their requirements, analyze requests for enhancements.
* Analyzing the Functional and Technical Specs and involved in the preparation and up gradation of the DLD (Detail Level Design) according to it.
* Involved in implementing through Quality Processes (participated in audits, etc) within my team to comply with the standards followed.
* Involved in preparing the standard checklists for DLD Review, Code Review and Unit Test Plans.
* Manage business requirement analysis, design and develop Forecast Universes for comparative Analysis of Data.
* Designed customized reports for division managers related to discovery, credit risk management related information and acted as a liaison between Business Objects Reports development and Oracle Database group.
* Designed and developed Universes with complex Measures Objects created using conditions which sorts out data related to credit risk management.
* Designed and developed Universes using Sales Data Marts which is an extraction of data from data sources that are integrated with online operation.
* Design and Develop several canned/Ad-Hoc reports during designing of reports involved continuous interaction with the users to get the business login in creating measure objects and interacted with the DBA to understand tables and views structure and joins in the Star Schema to extract data needed for the reports.
* Created and designed tabular, cross-tab **Crystal reports** with prompts, drill-down and charts.
* Updated the **Universe** as per the changes of the **Database table structure** and notified the users about changes made to the objects at Universe.
* **Trained Business users** in creating and saving Ad-hoc/Canned reports to PDF & Excelformat and helped turn around user by continuously improving the report **performance**.
* Test reports, debug, discover and correct errors before they make their way into repository (query optimization &performance) using MS SQL Server and SQL plus.

**Environment**: Business Objects 6.5/6.1b (Supervisor, Designer and Business Objects), Web Intelligence 6.1b, Crystal Reports 10, Oracle 9i, Data Integrator 6.x,Informatica Power Center 7.1, Actuate e.Report Designer Professional 8 SP2, Actuate Analytics Cube Designer, Actuate eAnalysis, Actuate Information Object Designer,MS-SQL Server 2000, Window NT 4.0/2000.

**Project Title : Online Check Imaging and Database Re-engineering**

**Client : ABN-AMRO -Chicago, IL.**

**Roles : PL-SQL Developer, Report Developer.**

**Team Size : 4 (1-Onsite, 3-Offshore)**

**Project Overview:** ABN-AMRO was using one online banking product which had no online check viewing facility. This project was to provide online check viewing facility to online banking customers. This application was totally developed on J2EE platform and reporting was done in Business Objects.

We had developed one plugged in application to be integrated with existing product for providing the option to the online banking customers of ABN AMRO bank to view their issued checks. We upgraded the exiting database objects like stored procedures, functions, and triggers and also prepared new managerial reports from upgraded database.

**Responsibilities:**

* Re engineered the whole database. Did detail impact analysis and upgraded the database objects.
* Developed complex reports with link to drill down reports involving Sub-reports conditional formatting based on the data value against oracle database using Crystal Report V10
* Our primary responsibilities were design, development and testing of reporting/OLAP layer using Business Objects/ Crystal Reports. We created complex Universes as per business requirements. We also did performance tuning and fixing bugs across Business Objects/ Crystal Report applications. We worked in all stages of the software development from Design to User Acceptance Testing support for the OLAP layer.
* Installation of Crystal Report and setting up Citrix connectivity from offshore.
* Developing JSP screens for managerial reports as per requirement

**Project Title : Development of Web Page for ‘Banking and Capital Marketing Division”.**

**Client : Infosys Technologies (Internal Project).**

**Roles : Developer**

**Duration : 2003 – 31st March 2004**

**Responsibilities:**

* Involved in requirement gathering and designing.
* Involved in Unit and system testing and debugging.
* To take feedbacks from all users to improve the quality of the product.
* Testing of the product as per user’s point of view
* Providing technical help to team members when needed.

### Education:

Master of Technology. Undergone Software development training from Infosys Technologies Ltd on C, HTML, DHTML, Java, ASP, JSP and Servlet Programming, UNIX, SQL, RDBMS, Oracle, Informatica, Business Objects, Actuate, Cognos and Software development methodologies. Completed open system technical certifications from Infosys Technologies.